Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027112.D
Acq On : 30 Jul 2022 03:07
Operator : SY/MD
Sample : N3956-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Quant Time: Jul 30 04:30:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 30 01:28:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	618532	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	619869	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	323219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	196279	33.355	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.720%		
7) Chloroethane-d5	1.565	69	171778	36.843	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.680%		
11) 1,1-Dichloroethene-d2	2.101	63	276440	27.594	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.180%#		
21) 2-Butanone-d5	3.889	46	252527	75.260	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.260%		
24) Chloroform-d	4.343	84	431451	40.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.420%		
26) 1,2-Dichloroethane-d4	5.027	65	260348	43.273	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.540%		
32) Benzene-d6	5.047	84	922926	42.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.800%		
36) 1,2-Dichloropropane-d6	6.066	67	285917	42.915	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.820%		
41) Toluene-d8	7.314	98	818644	41.608	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.220%		
43) trans-1,3-Dichloroprop...	7.619	79	125193	42.539	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.080%		
47) 2-Hexanone-d5	8.088	63	274553	95.860	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.860%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	409809	40.796	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	322958	44.449	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.900%		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	121885	19.576	ug/L	96
12) 1,1-Dichloroethene	2.111	96	5074	1.126	ug/L #	1
13) Acetone	2.179	43	6137	2.469	ug/L	93
14) Carbon disulfide	2.291	76	19281	1.349	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	8739	1.772	ug/L	97
19) 1,1-Dichloroethane	3.185	63	51169	5.941	ug/L	98
20) cis-1,2-Dichloroethene	3.909	96	8597	1.685	ug/L	94
27) 1,2-Dichloroethane	5.095	62	198584	31.778	ug/L #	70
29) Cyclohexane	4.671	56	20553	3.086	ug/L	98
35) Methylcyclohexane	6.127	83	13155	1.715	ug/L #	71
42) Toluene	7.384	91	1293227	62.789	ug/L	100
45) 1,1,2-Trichloroethane	7.783	97	36286	6.779	ug/L #	1
52) Ethylbenzene	9.011	91	138928	6.662	ug/L	98
53) m,p-Xylene	9.140	106	81442	9.928	ug/L	97
54) o-Xylene	9.542	106	91112	11.534	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	11848	1.372	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	51175	7.428	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	48797	4.729	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	203379	19.889	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027112.D
Acq On : 30 Jul 2022 03:07
Operator : SY/MD
Sample : N3956-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Quant Time: Jul 30 04:30:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 30 01:28:32 2022
Response via : Initial Calibration

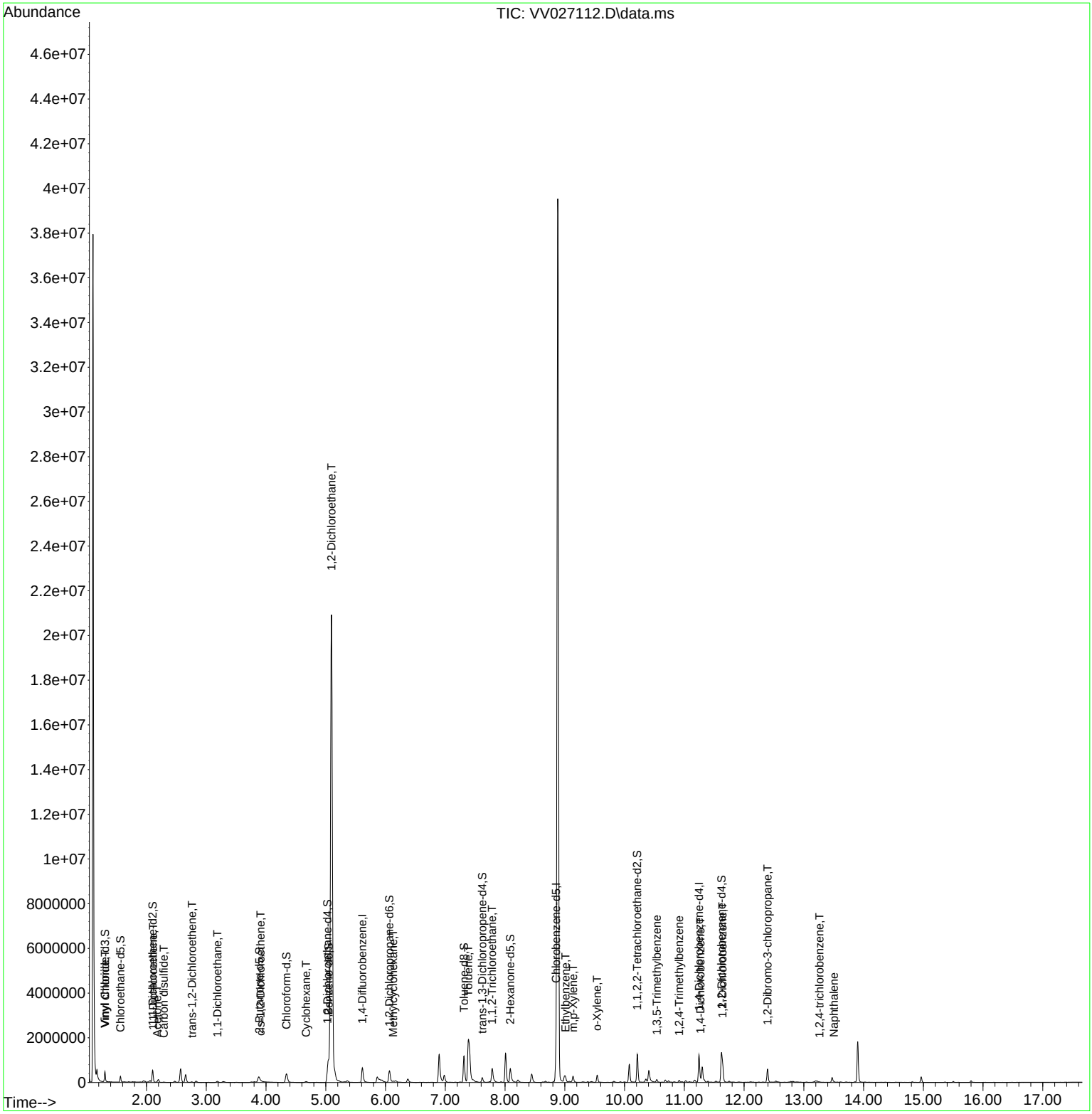
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1,2-Dibromo-3-chloropr...	12.394	75	95547	53.761	ug/L #	3
70) 1,2,4-trichlorobenzene	13.265	180	4433	0.780	ug/L	92
71) Naphthalene	13.506	128	28246	1.428	ug/L	98

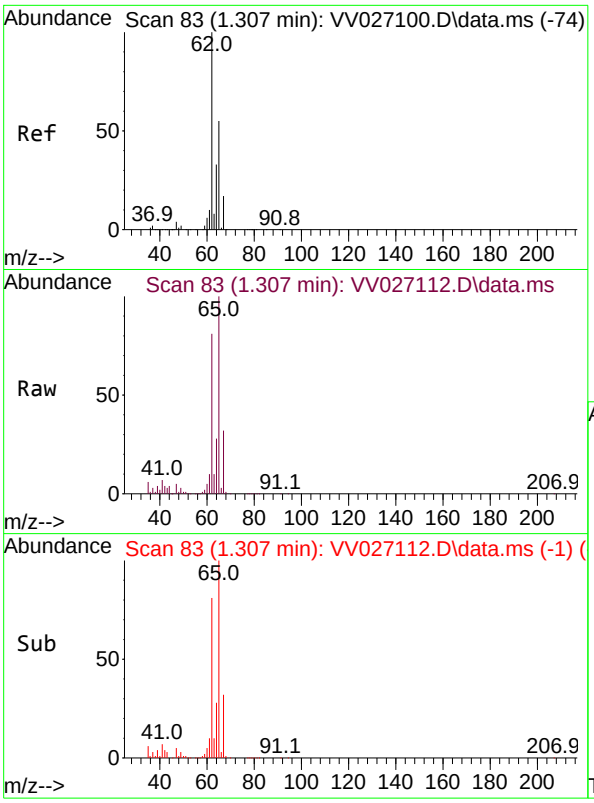
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072922\
Data File : VV027112.D
Acq On : 30 Jul 2022 03:07
Operator : SY/MD
Sample : N3956-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Quant Time: Jul 30 04:30:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072822WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 30 01:28:32 2022
Response via : Initial Calibration



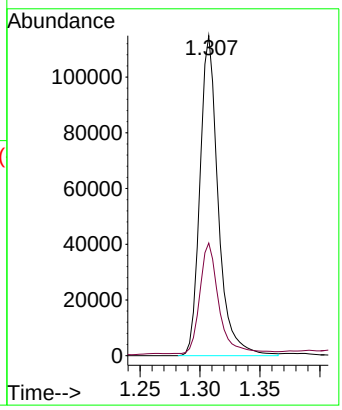


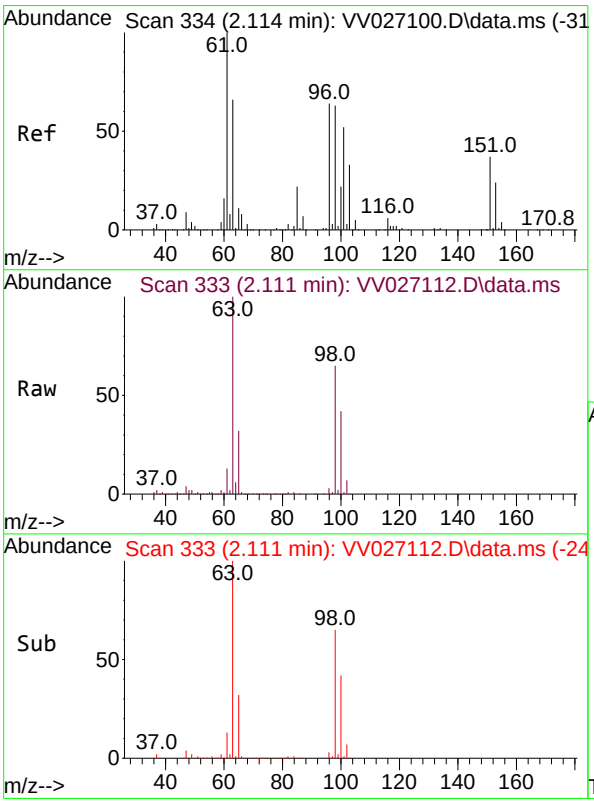
#5
Vinyl chloride
Concen: 19.576 ug/L
RT: 1.307 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion: 62 Resp: 121885

Ion	Ratio	Lower	Upper
62	100		
64	35.2	23.2	43.2

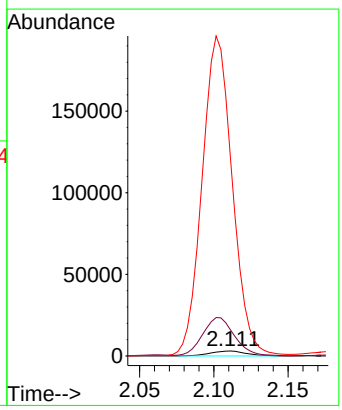


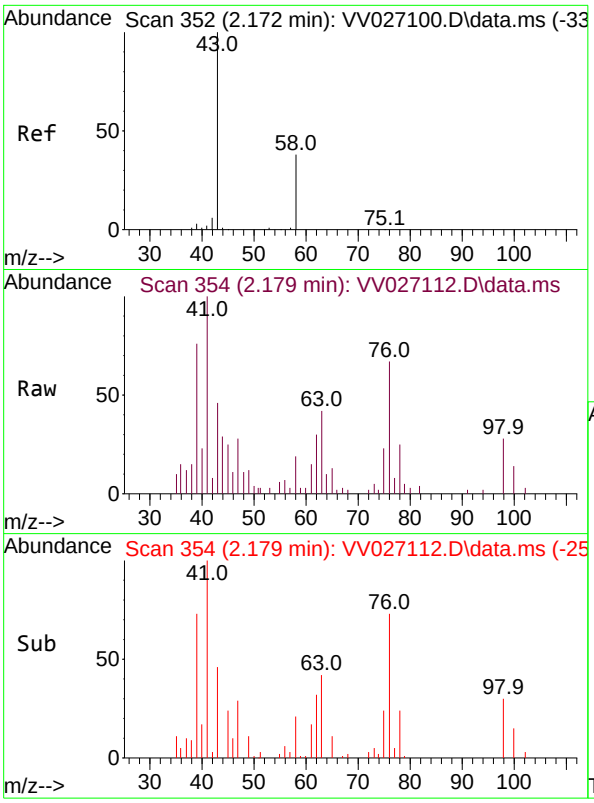


#12
1,1-Dichloroethene
Concen: 1.126 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion: 96 Resp: 5074

Ion	Ratio	Lower	Upper
96	100		
61	523.1	114.3	212.3#
63	3968.3	93.4	173.4#



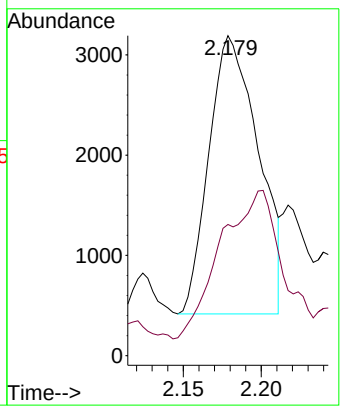


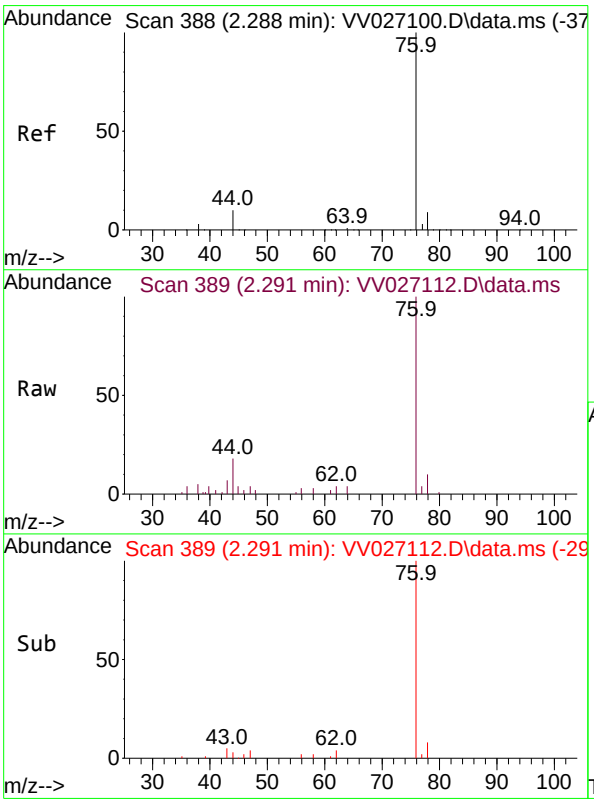
#13
Acetone
Concen: 2.469 ug/L
RT: 2.179 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion: 43 Resp: 6137

Ion	Ratio	Lower	Upper
43	100		
58	21.4	0.0	49.6

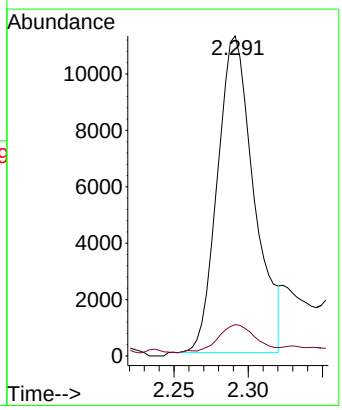


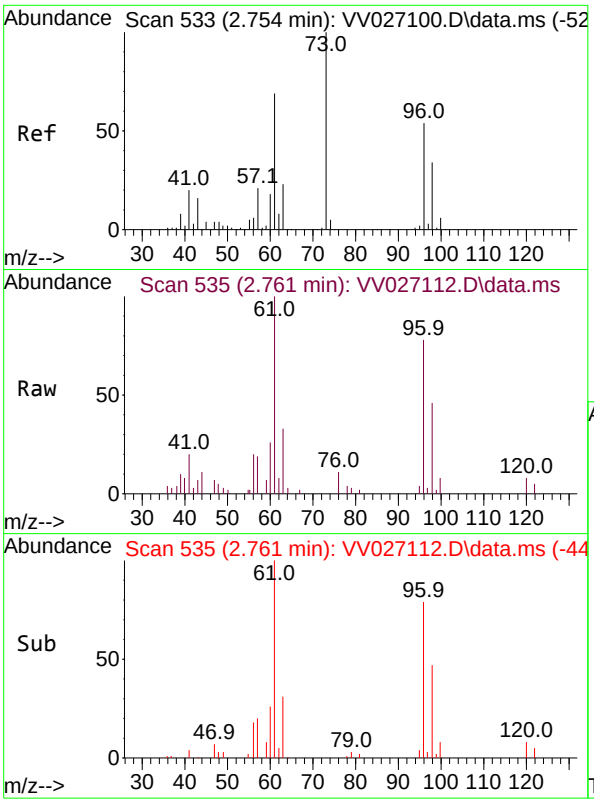


#14
Carbon disulfide
Concen: 1.349 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion: 76 Resp: 19281

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9



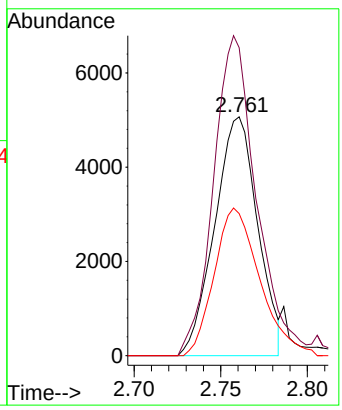


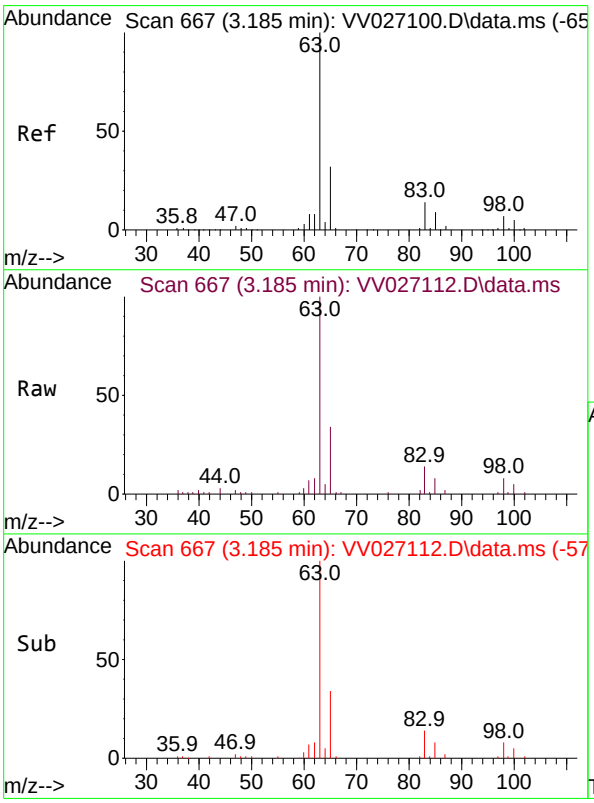
#17
trans-1,2-Dichloroethene
Concen: 1.772 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.007 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion: 96 Resp: 8739

Ion	Ratio	Lower	Upper
96	100		
61	129.0	89.2	165.6
98	59.5	44.6	82.8

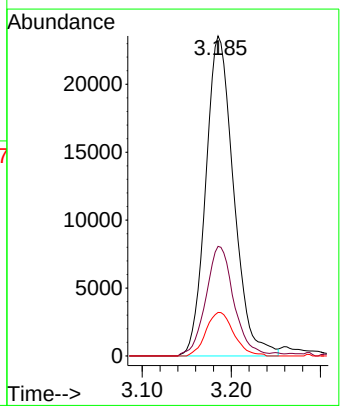


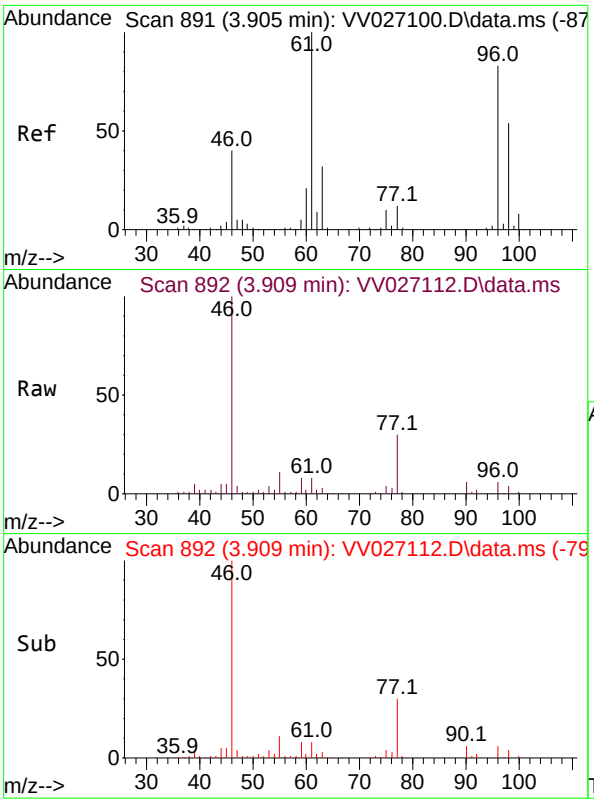


#19
1,1-Dichloroethane
Concen: 5.941 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion: 63 Resp: 51169

Ion	Ratio	Lower	Upper
63	100		
65	34.2	22.7	42.3
83	13.6	9.5	17.7



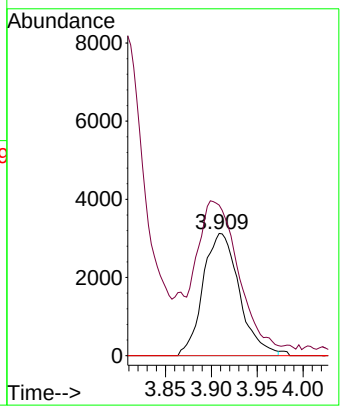


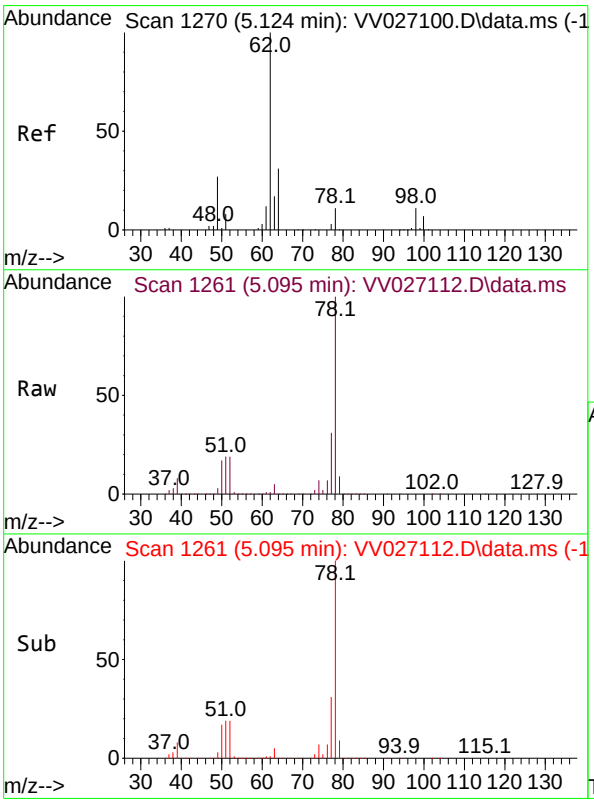
#20
cis-1,2-Dichloroethene
Concen: 1.685 ug/L
RT: 3.909 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion: 96 Resp: 8597

Ion	Ratio	Lower	Upper
96	100		
61	123.2	81.8	151.8
68	0.0	0.0	0.0

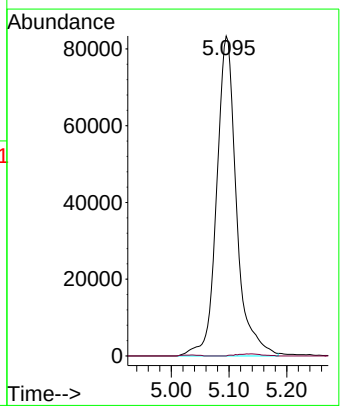


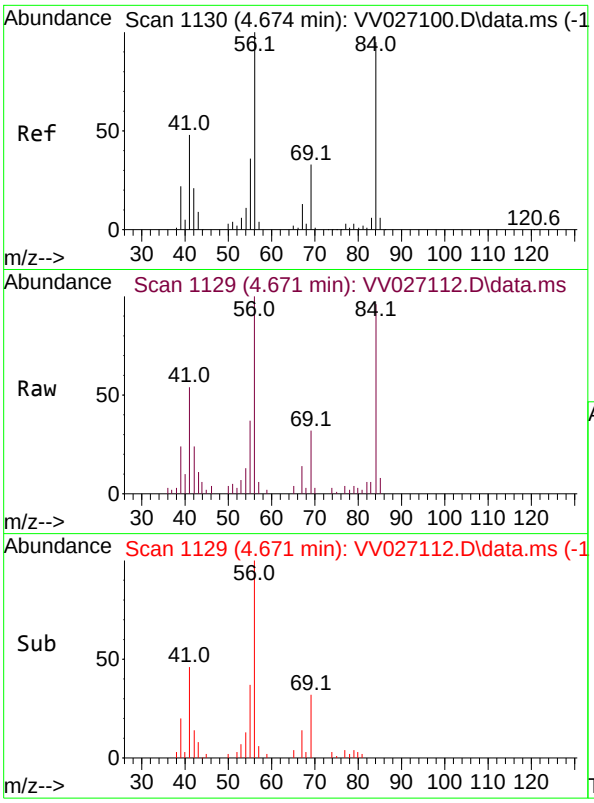


#27
1,2-Dichloroethane
Concen: 31.778 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.029 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion: 62 Resp: 198584

Ion	Ratio	Lower	Upper
62	100		
98	0.0	9.0	13.6#



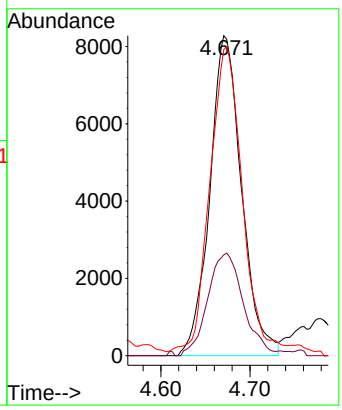


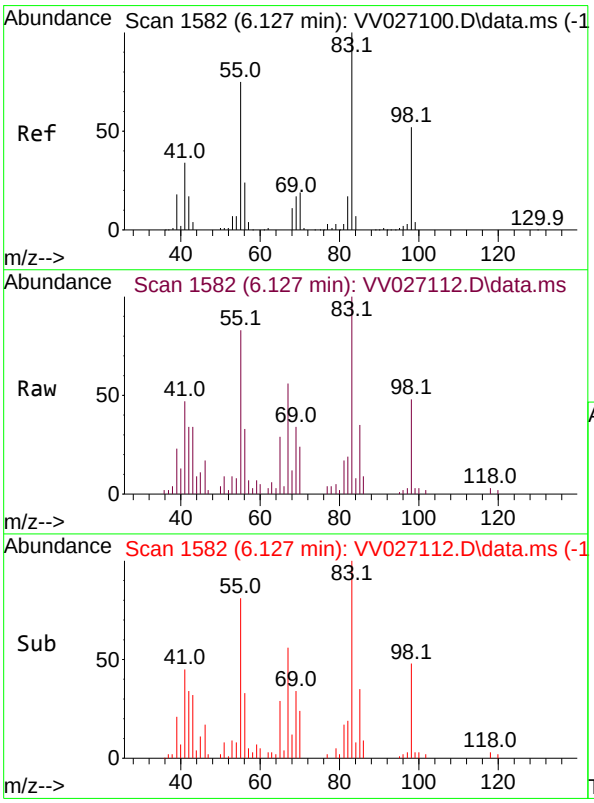
#29
Cyclohexane
Concen: 3.086 ug/L
RT: 4.671 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion: 56 Resp: 20553

Ion	Ratio	Lower	Upper
56	100		
69	35.8	25.9	38.9
84	94.6	75.3	112.9

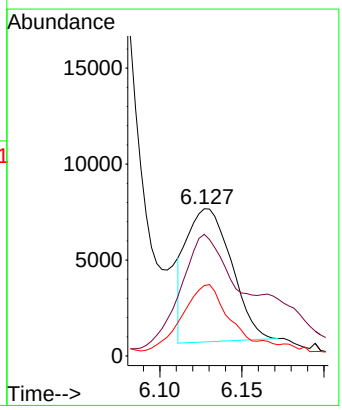


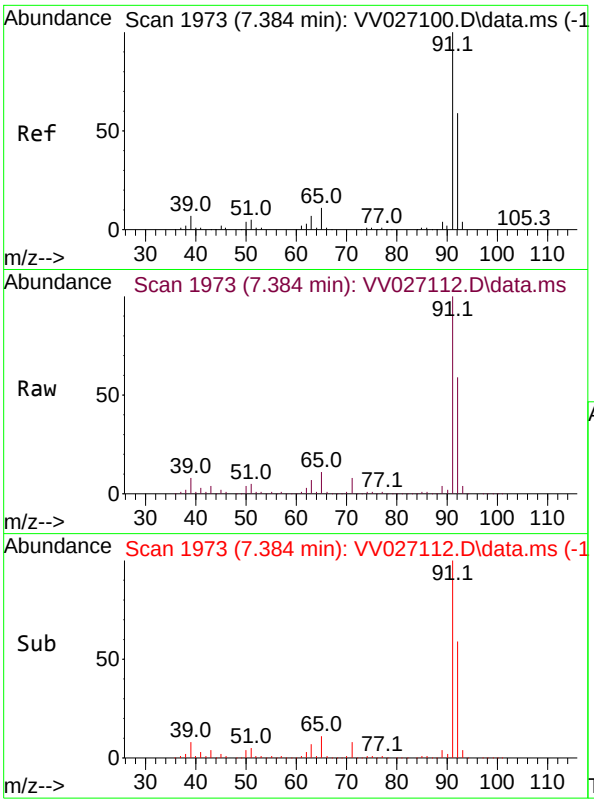


#35
Methylcyclohexane
Concen: 1.715 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion: 83 Resp: 13155

Ion	Ratio	Lower	Upper
83	100		
55	108.2	55.5	83.3#
98	51.1	39.0	58.4



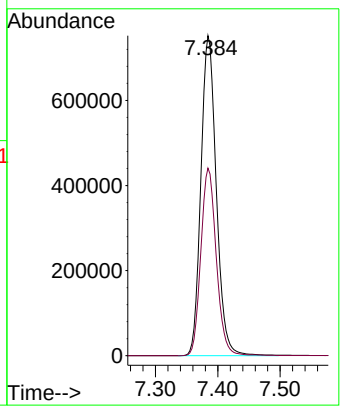


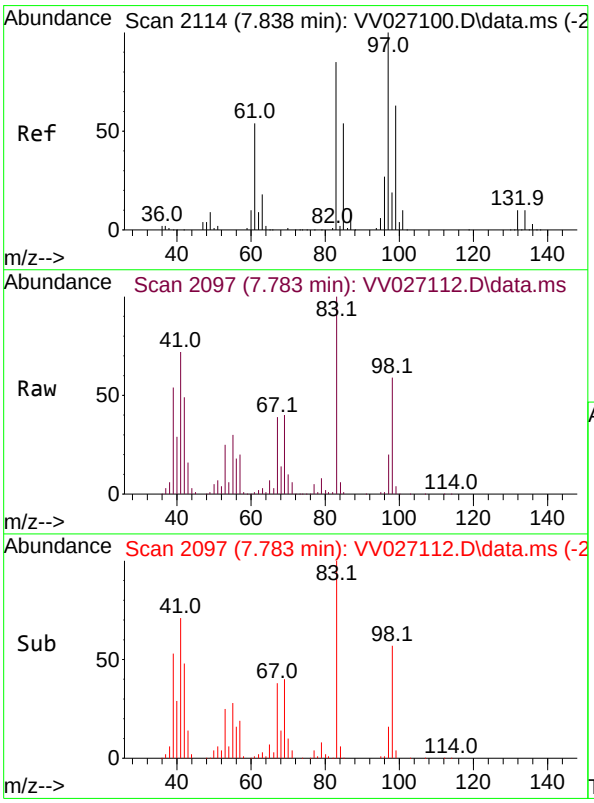
#42
Toluene
Concen: 62.789 ug/L
RT: 7.384 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion: 91 Resp: 1293227

Ion	Ratio	Lower	Upper
91	100		
92	58.6	40.9	76.0

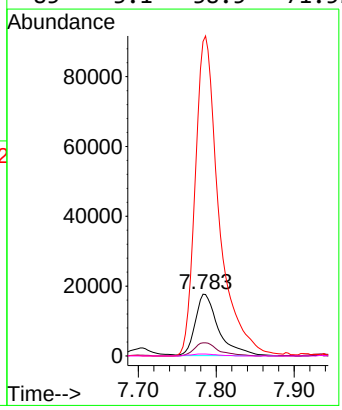


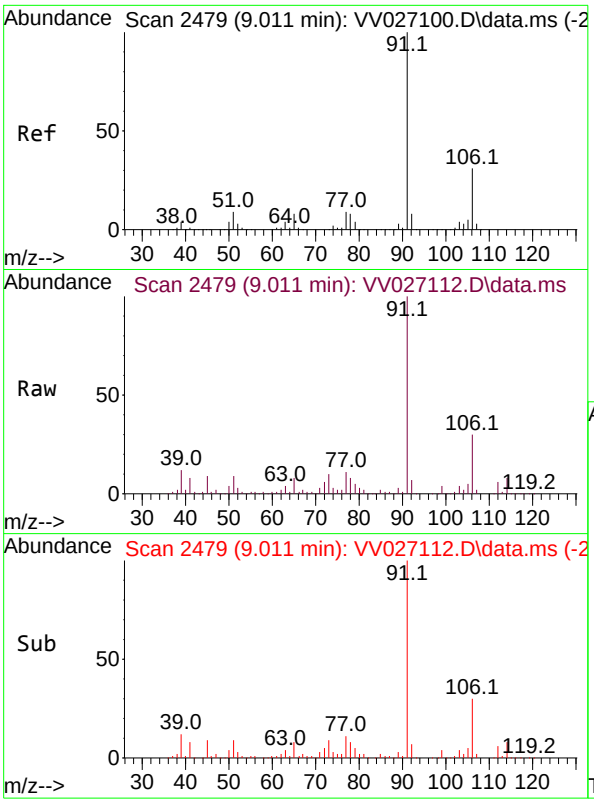


#45
1,1,2-Trichloroethane
Concen: 6.779 ug/L
RT: 7.783 min Scan# 2097
Delta R.T. -0.055 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion: 97 Resp: 36286

Ion	Ratio	Lower	Upper
97	100		
99	21.4	43.2	80.2#
83	509.2	58.0	107.6#
85	3.1	38.5	71.5#



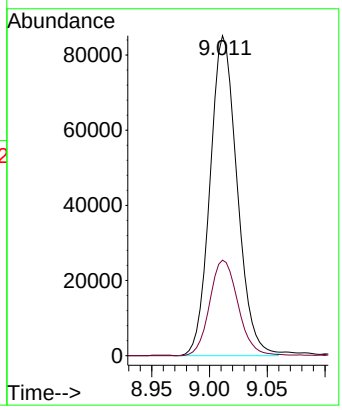


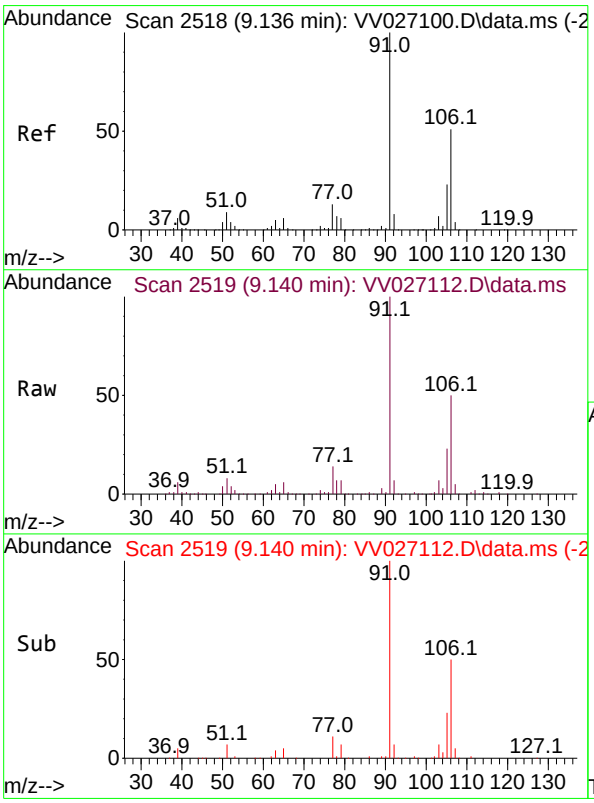
#52
Ethylbenzene
Concen: 6.662 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion: 91 Resp: 138928

Ion	Ratio	Lower	Upper
91	100		
106	29.9	21.8	40.6

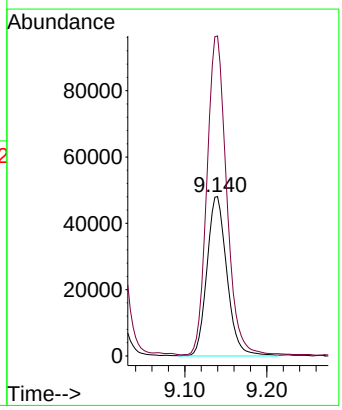


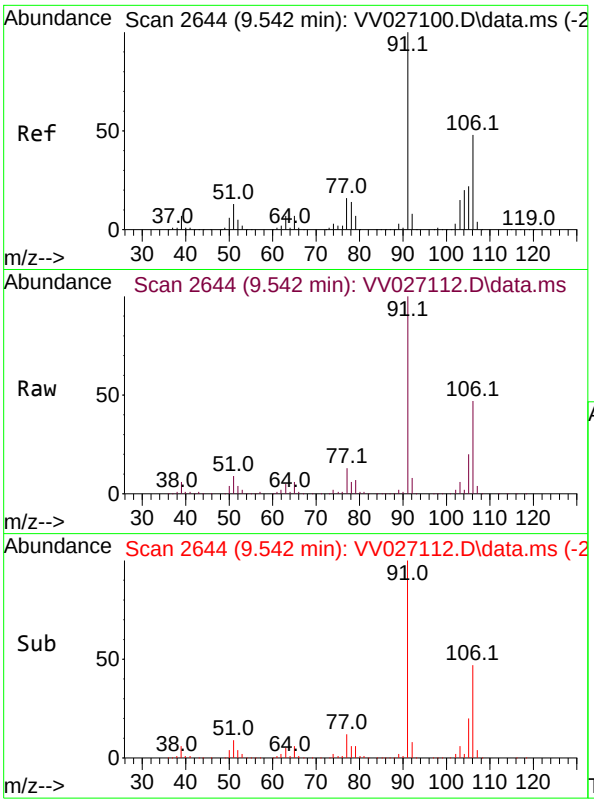


#53
m,p-Xylene
Concen: 9.928 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion:106 Resp: 81442

Ion	Ratio	Lower	Upper
106	100		
91	200.9	137.5	255.3



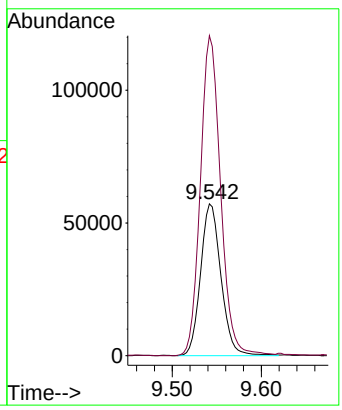


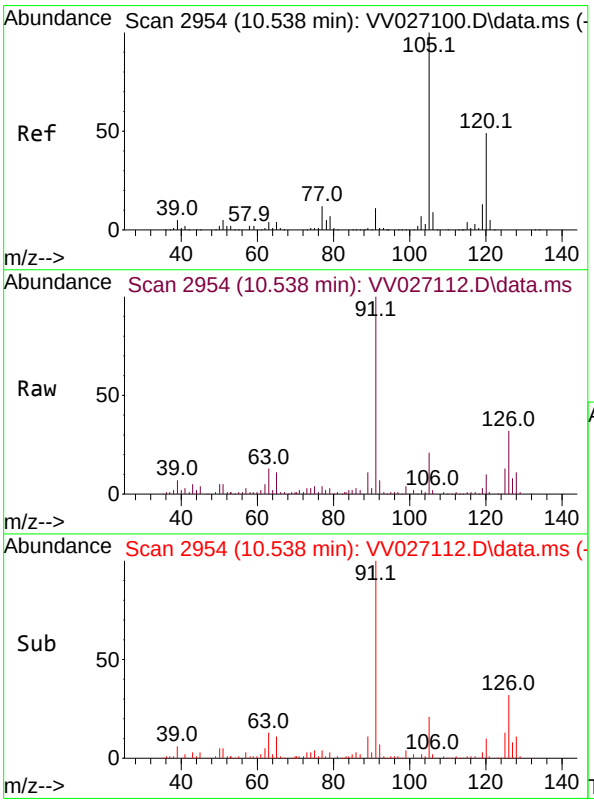
#54
o-Xylene
Concen: 11.534 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion:106 Resp: 91112

Ion	Ratio	Lower	Upper
106	100		
91	210.7	146.6	272.2

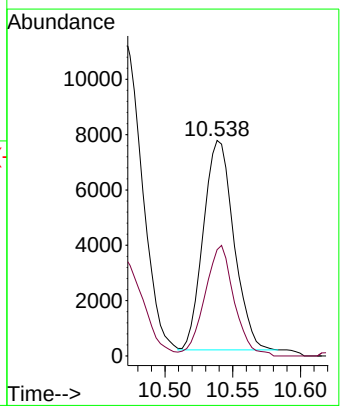


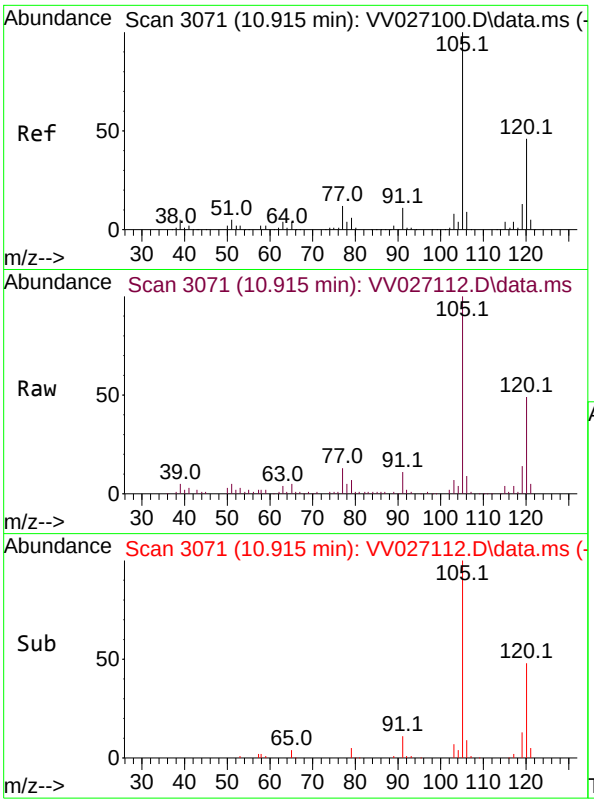


#62
1,3,5-Trimethylbenzene
Concen: 1.372 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion:105 Resp: 11848

Ion	Ratio	Lower	Upper
105	100		
120	50.7	39.3	58.9



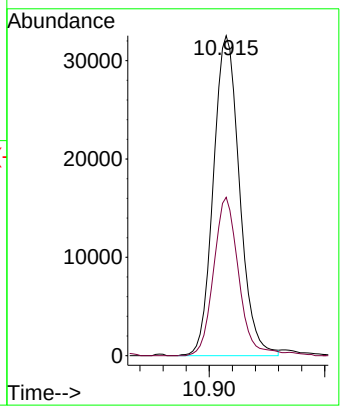


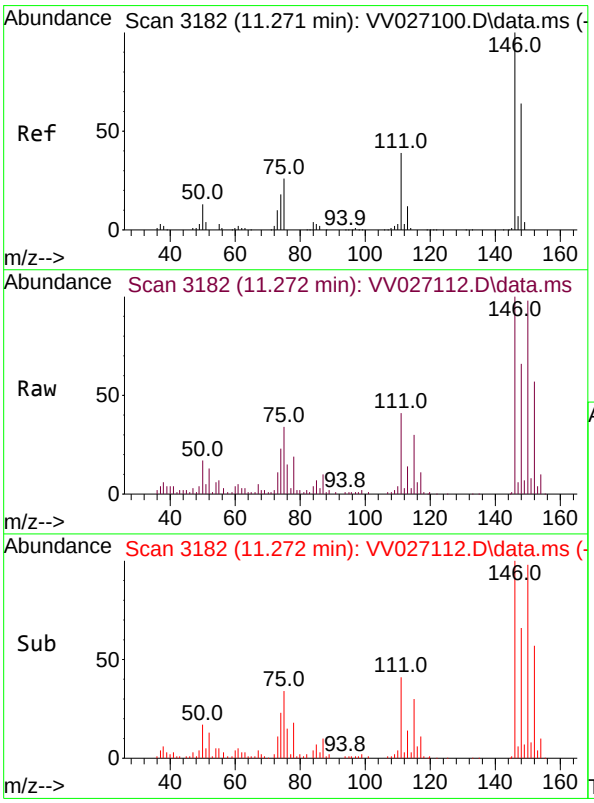
#63
1,2,4-Trimethylbenzene
Concen: 7.428 ug/L
RT: 10.915 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion:105 Resp: 51175

Ion	Ratio	Lower	Upper
105	100		
120	47.3	37.0	55.6

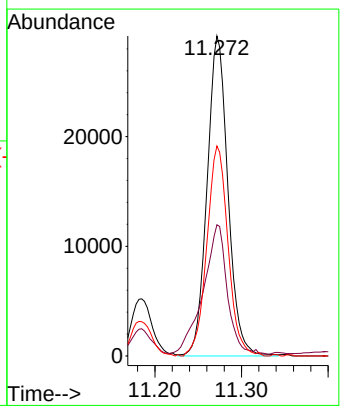


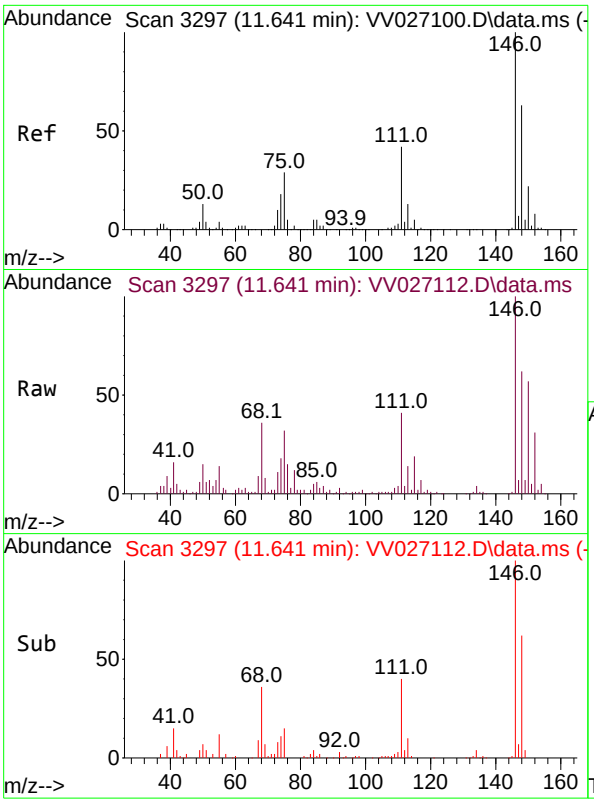


#65
1,4-Dichlorobenzene
Concen: 4.729 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion:146 Resp: 48797

Ion	Ratio	Lower	Upper
146	100		
111	41.0	27.4	51.0
148	65.6	44.6	82.8



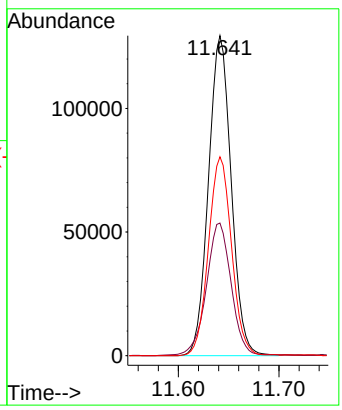


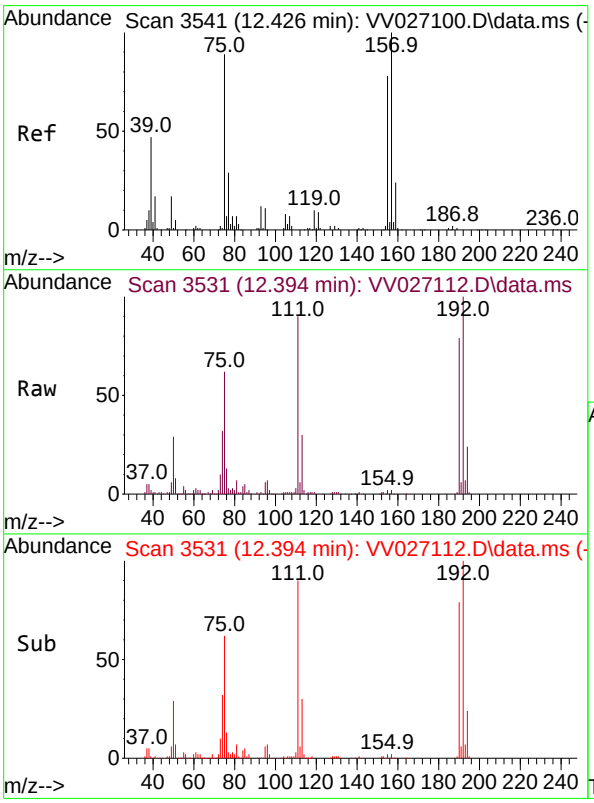
#67
1,2-Dichlorobenzene
Concen: 19.889 ug/L
RT: 11.641 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion:146 Resp: 203379

Ion	Ratio	Lower	Upper
146	100		
111	41.5	34.0	51.0
148	62.1	50.5	75.7

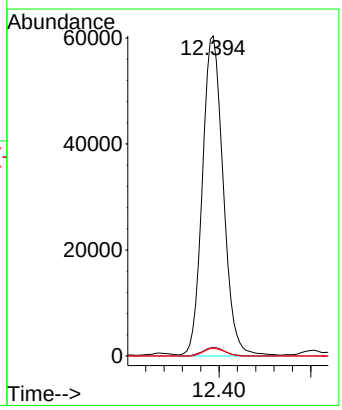


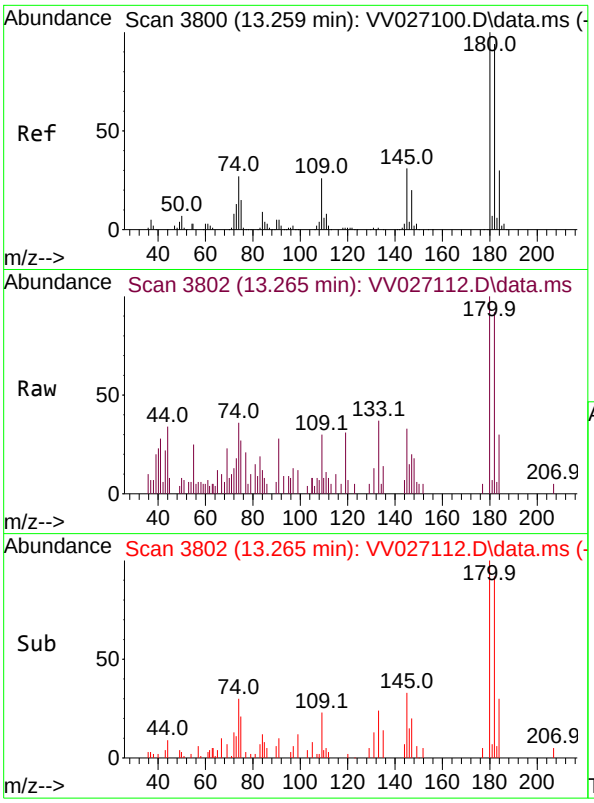


#68
1,2-Dibromo-3-chloropropane
Concen: 53.761 ug/L
RT: 12.394 min Scan# 3531
Delta R.T. -0.032 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion: 75 Resp: 95547

Ion	Ratio	Lower	Upper
75	100		
155	2.6	69.1	103.7#
157	2.4	87.8	131.8#



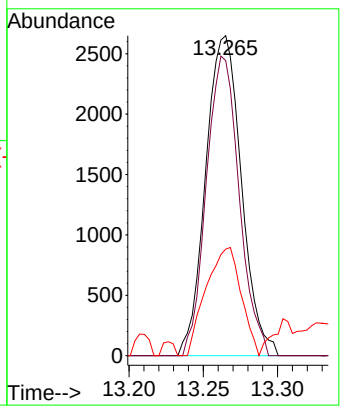


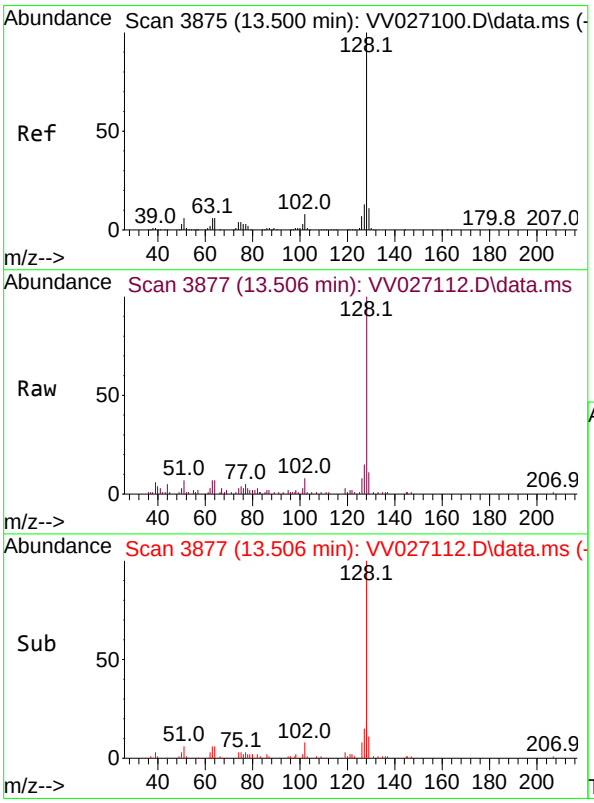
#70
1,2,4-trichlorobenzene
Concen: 0.780 ug/L
RT: 13.265 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Instrument :
MSVOA_V
ClientSampleId :
EXF08

Tgt Ion:180 Resp: 4433

Ion	Ratio	Lower	Upper
180	100		
182	85.9	75.9	113.9
145	33.2	24.7	37.1





#71
Naphthalene
Concen: 1.428 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.007 min
Lab File: VV027112.D
Acq: 30 Jul 2022 03:07

Tgt Ion:128 Resp: 28246

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.6	8.6	13.0