Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
Data File : VX027514.D
Acq On : 18 Mar 2022 02:04
Operator : JC/MD
Sample : N1997-20
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Quant Time: Mar 18 03:42:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	348265	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	563900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	494087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207639	48.398	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 96.800%			
35) Dibromofluoromethane	5.391	113	187103	51.572	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.140%			
50) Toluene-d8	8.653	98	652265	47.510	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.020%			
62) 4-Bromofluorobenzene	11.085	95	224714	44.532	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.060%			
Target Compounds						Qvalue
16) Acetone	2.386	43	5914	3.382	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	7219	0.662	ug/l	96
20) Methylene Chloride	2.788	84	885	0.235	ug/l #	82
52) Toluene	8.720	92	2132	0.224	ug/l	99
67) Ethyl Benzene	10.195	91	13882	0.798	ug/l	100
68) m/p-Xylenes	10.305	106	11974	1.748	ug/l	96
69) o-Xylene	10.647	106	2301	0.346	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	5584	0.415	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	10538	0.786	ug/l	95
95) Naphthalene	13.780	128	6970	0.459	ug/l	98

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

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Instrument :
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ClientSampleId :
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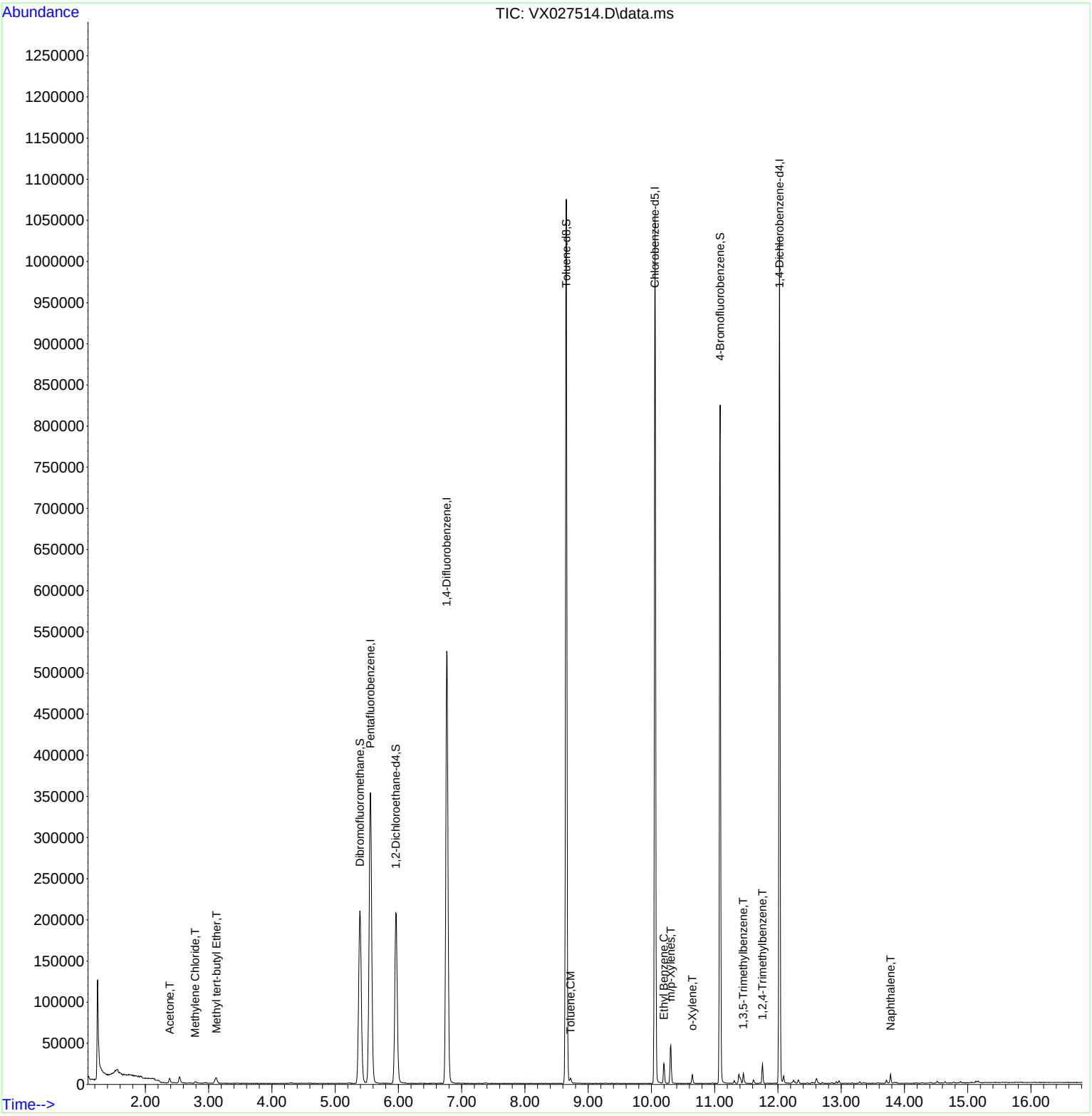
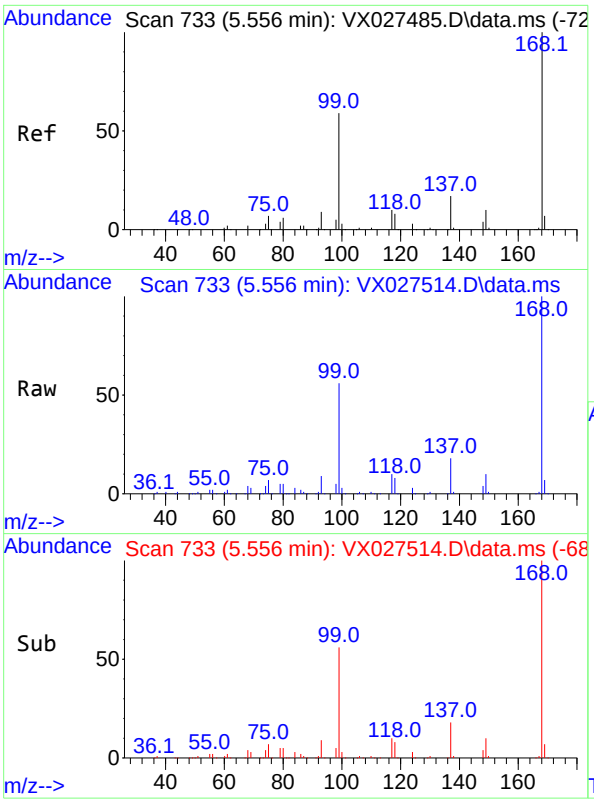


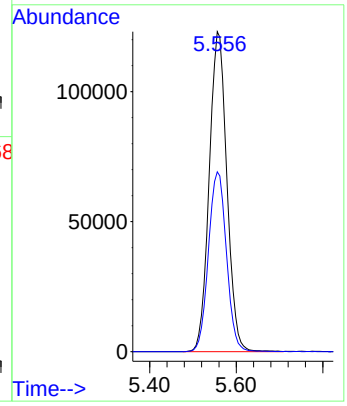


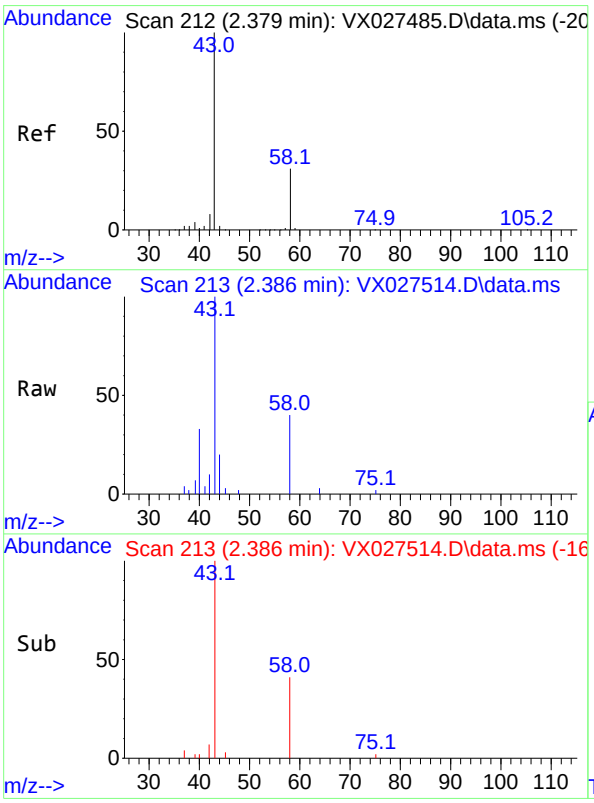
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion:168 Resp: 348265

Ion	Ratio	Lower	Upper
168	100		
99	56.2	41.7	62.5

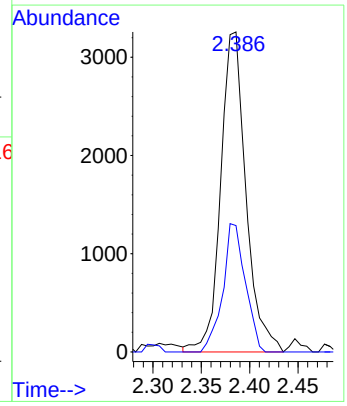


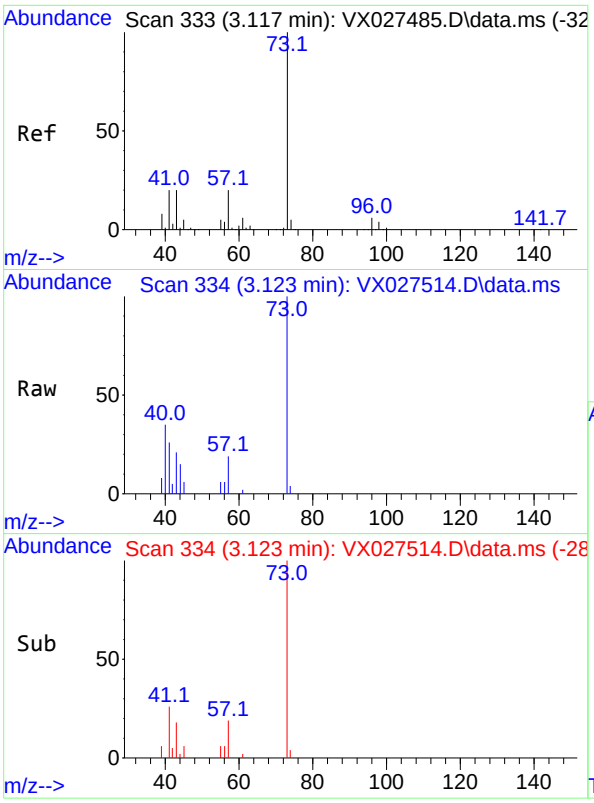


#16
Acetone
Concen: 3.382 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 43 Resp: 5914

Ion	Ratio	Lower	Upper
43	100		
58	39.5	28.8	43.2



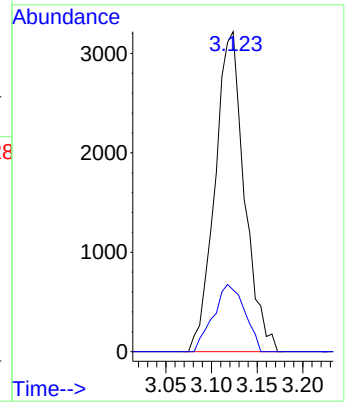


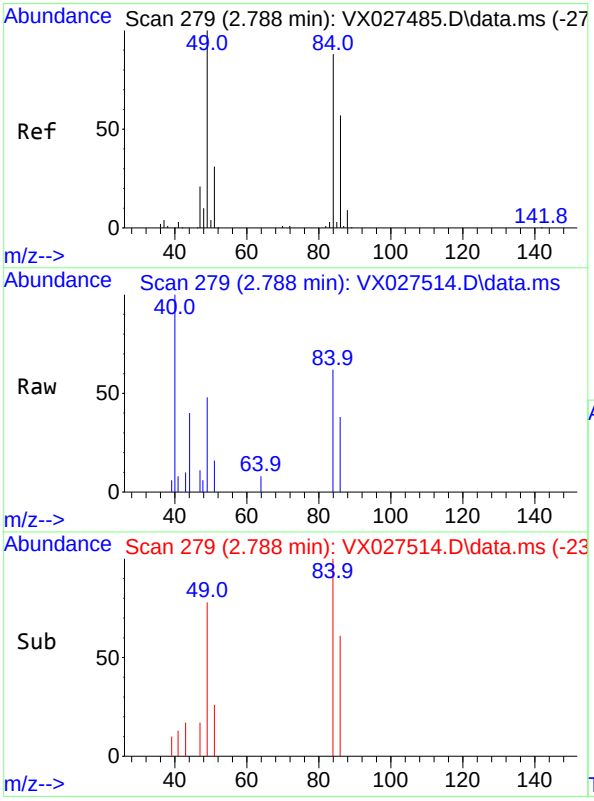
#19
Methyl tert-butyl Ether
Concen: 0.662 ug/l
RT: 3.123 min Scan# 3
Delta R.T. 0.006 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion: 73 Resp: 7219

Ion	Ratio	Lower	Upper
73	100		
57	19.3	16.8	25.2

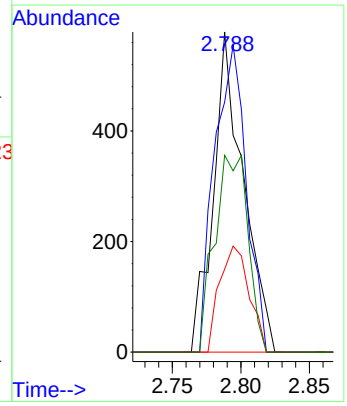


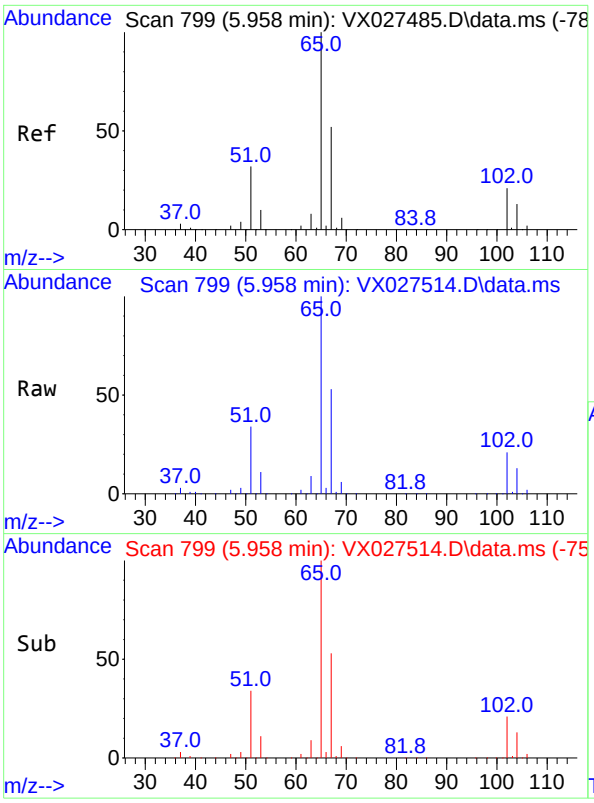


#20
Methylene Chloride
Concen: 0.235 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 84 Resp: 885

Ion	Ratio	Lower	Upper
84	100		
49	78.1	85.5	128.3#
51	25.9	26.6	39.8#
86	61.5	51.5	77.3



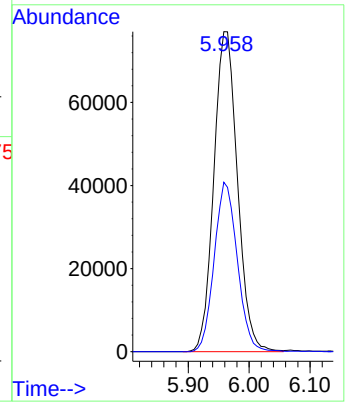


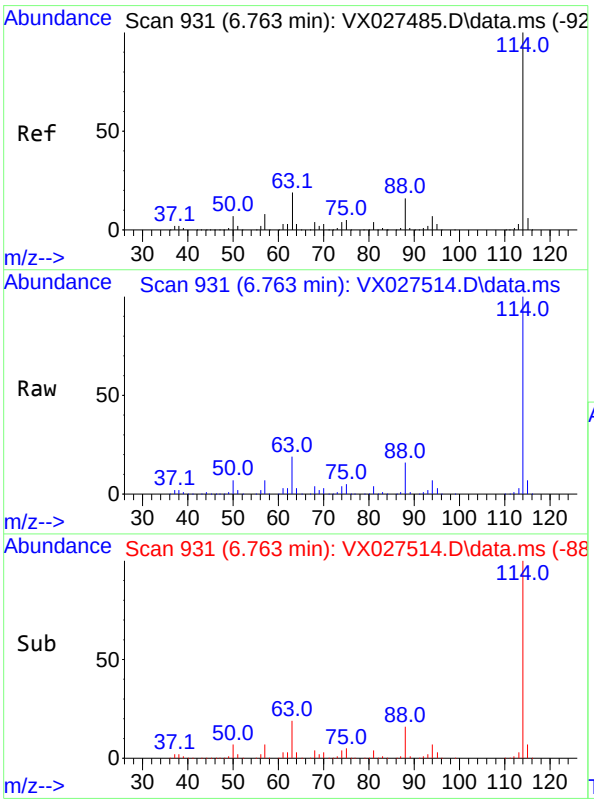
#33
1,2-Dichloroethane-d4
Concen: 48.398 ug/l
RT: 5.958 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion: 65 Resp: 207639

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	107.4

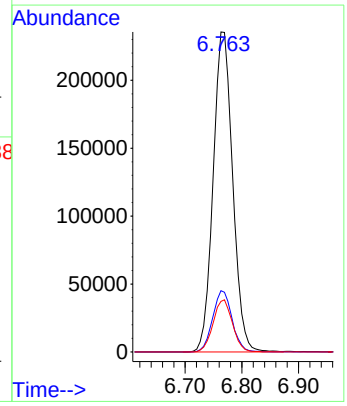


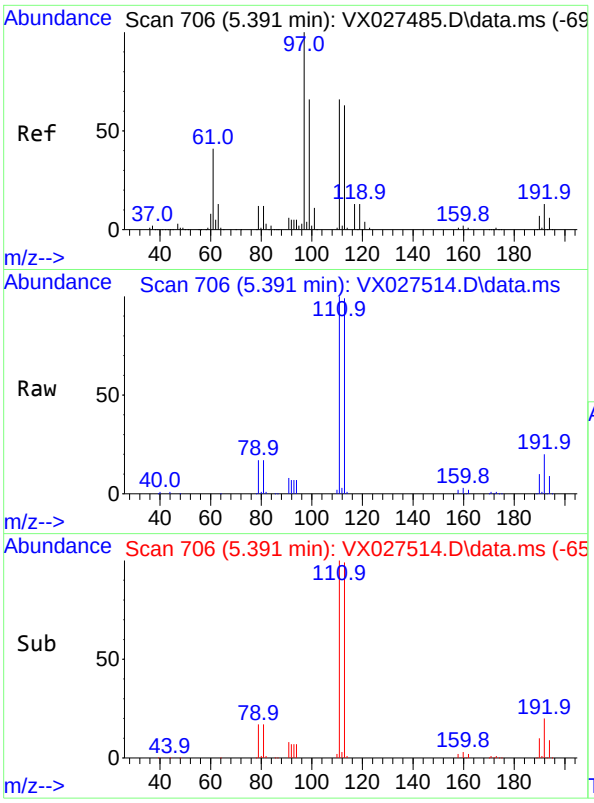


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion:114 Resp: 563900

Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	36.8
88	15.8	0.0	32.4



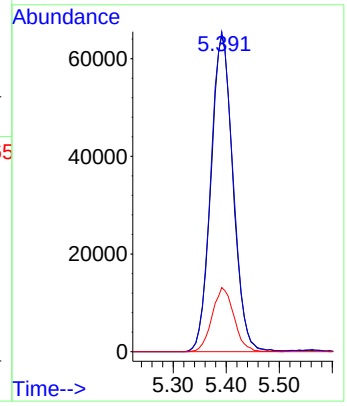


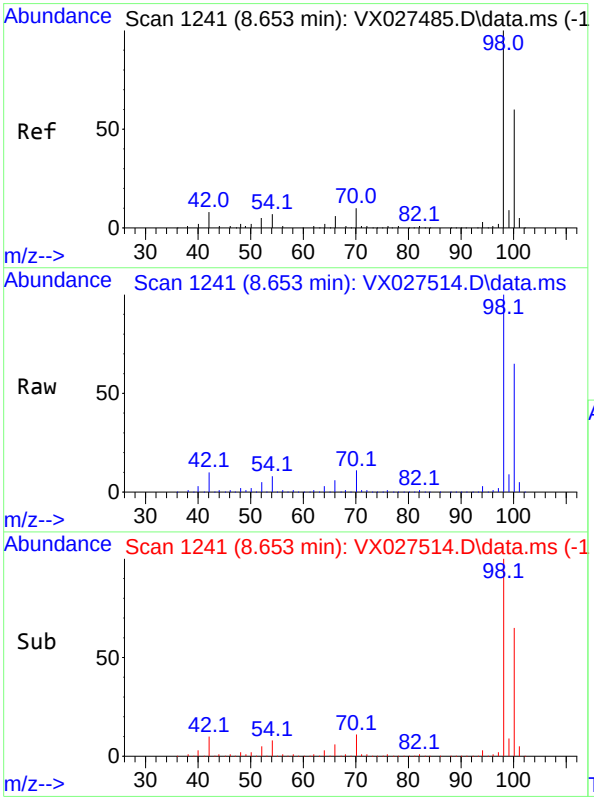
#35
Dibromofluoromethane
Concen: 51.572 ug/l
RT: 5.391 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion:113 Resp: 187103

Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	20.1	16.9	25.3

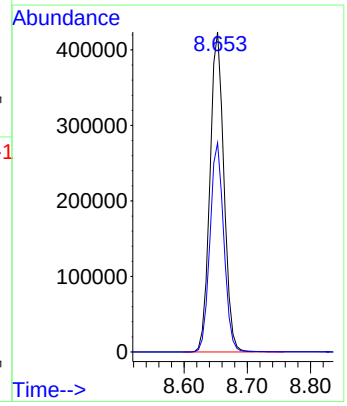


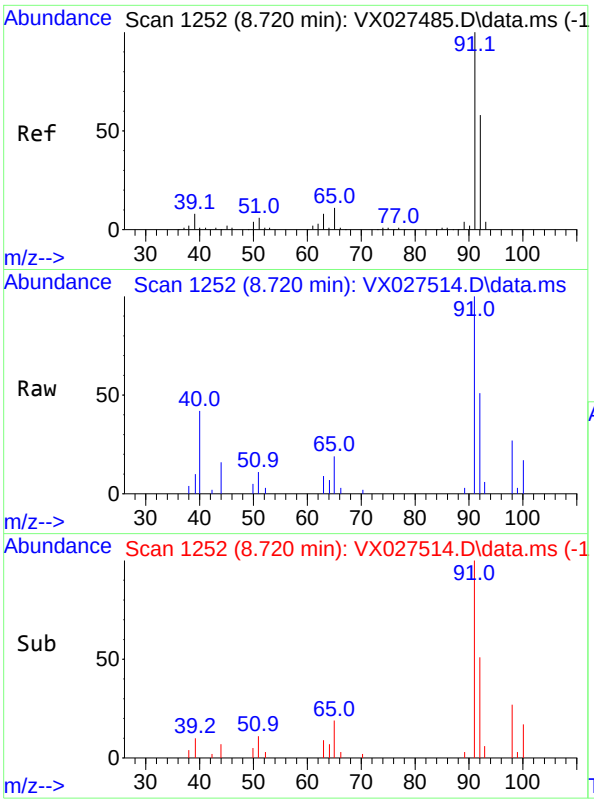


#50
Toluene-d8
Concen: 47.510 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 98 Resp: 652265

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.6	78.8



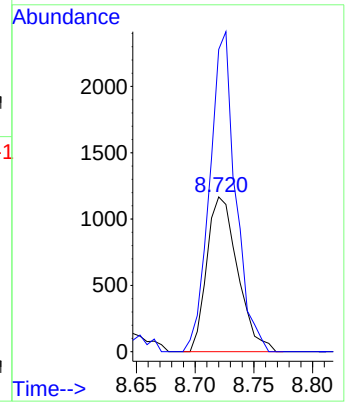


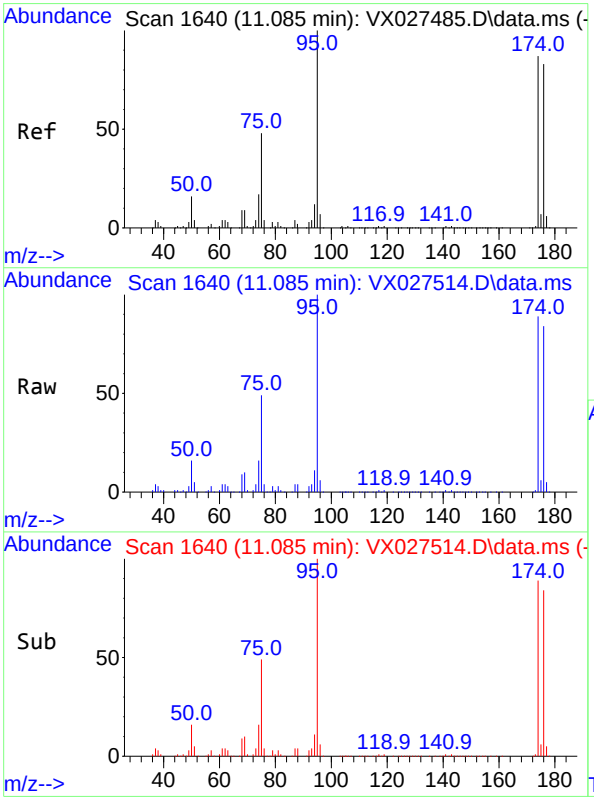
#52
Toluene
Concen: 0.224 ug/l
RT: 8.720 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion: 92 Resp: 2132

Ion	Ratio	Lower	Upper
92	100		
91	174.0	137.5	206.3

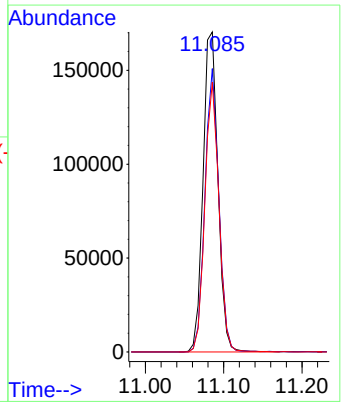


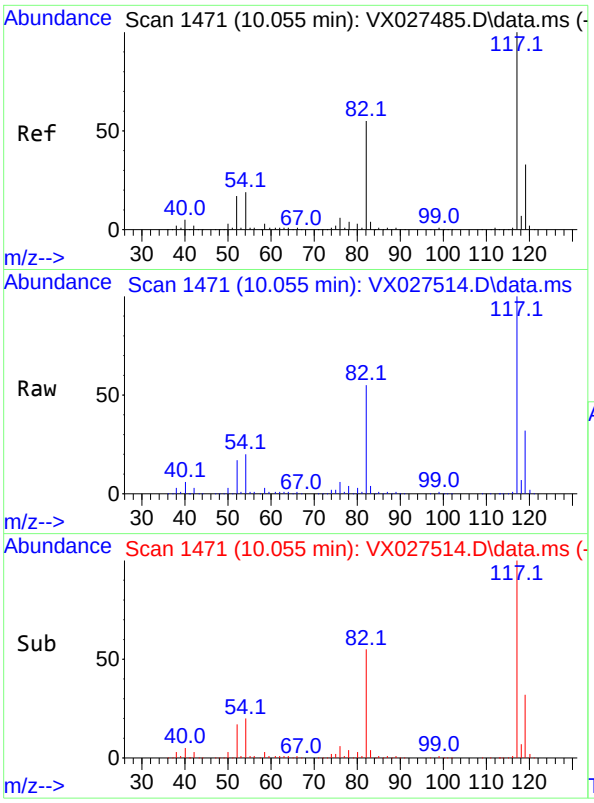


#62
4-Bromofluorobenzene
Concen: 44.532 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 95 Resp: 224714

Ion	Ratio	Lower	Upper
95	100		
174	82.6	0.0	163.0
176	79.7	0.0	155.0



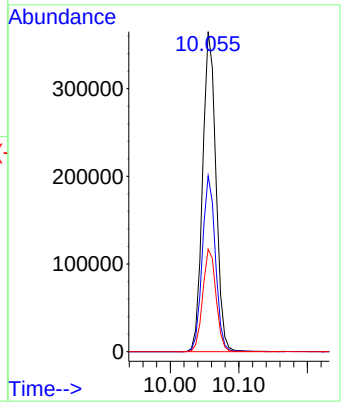


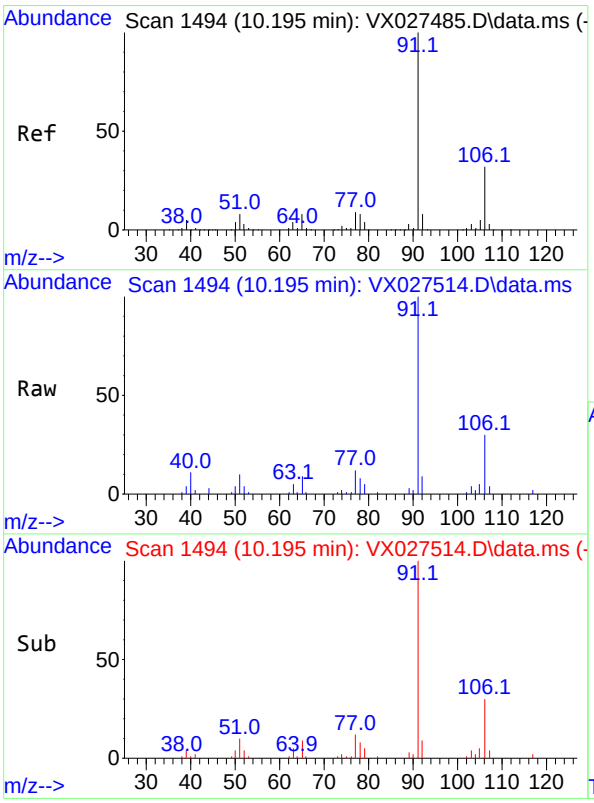
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion:117 Resp: 494087

Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.8
119	32.0	24.8	37.2

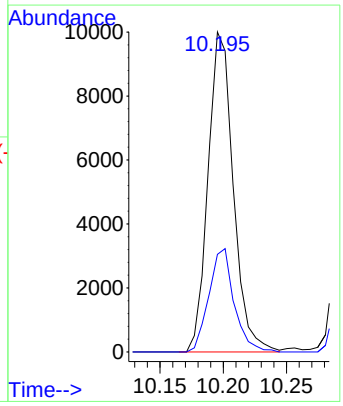


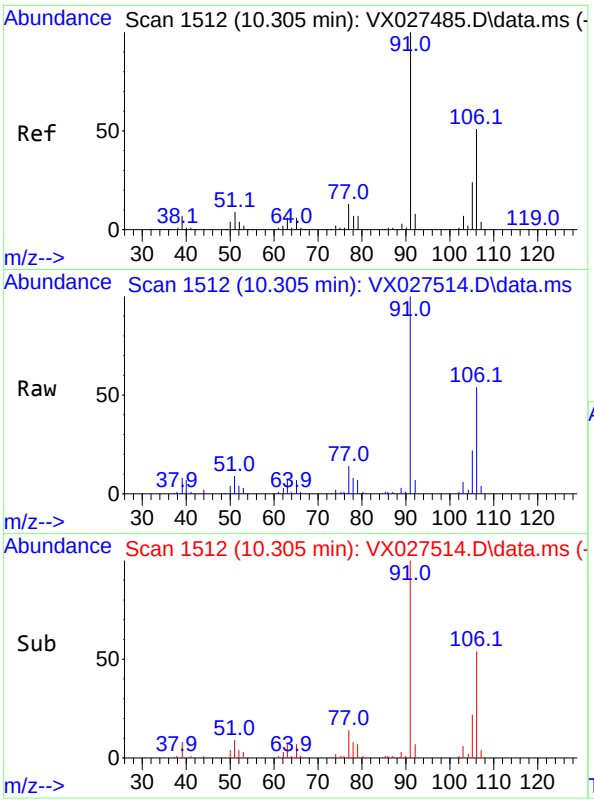


#67
Ethyl Benzene
Concen: 0.798 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion: 91 Resp: 13882

Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.6	36.8



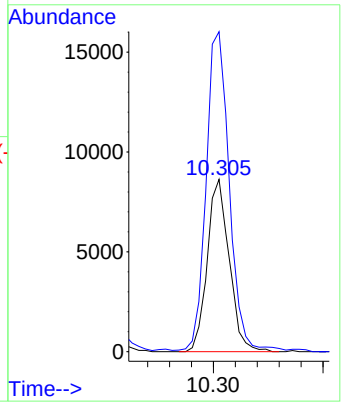


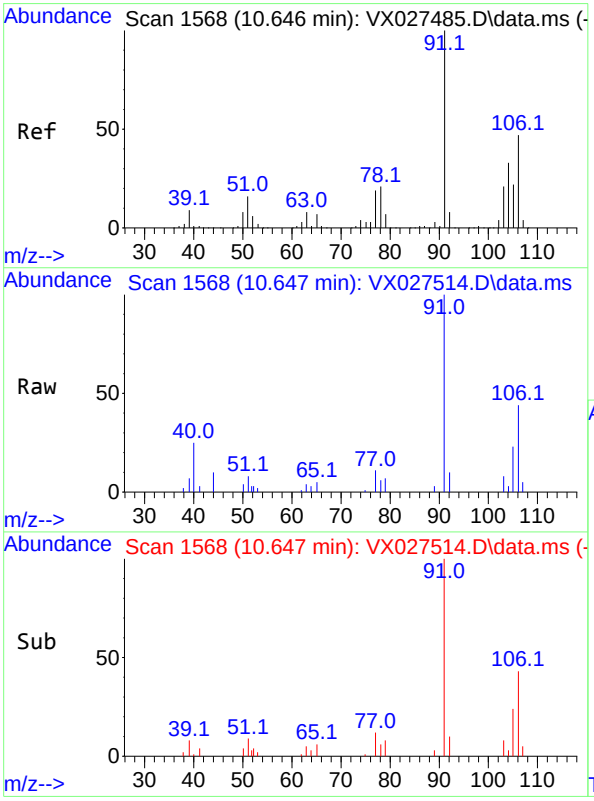
#68
m/p-Xylenes
Concen: 1.748 ug/l
RT: 10.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion:106 Resp: 11974

Ion	Ratio	Lower	Upper
106	100		
91	193.8	160.4	240.6

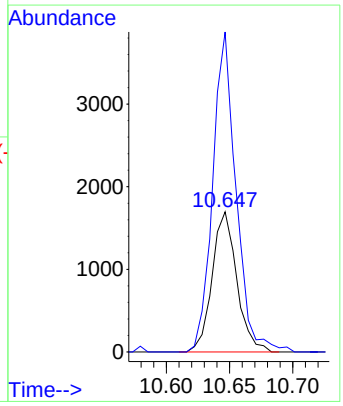


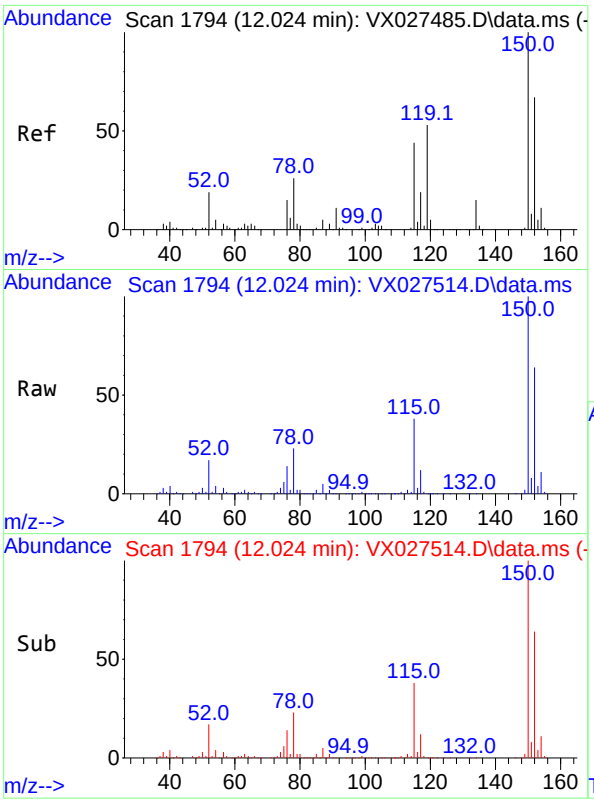


#69
o-Xylene
Concen: 0.346 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion:106 Resp: 2301

Ion	Ratio	Lower	Upper
106	100		
91	215.7	106.1	318.1



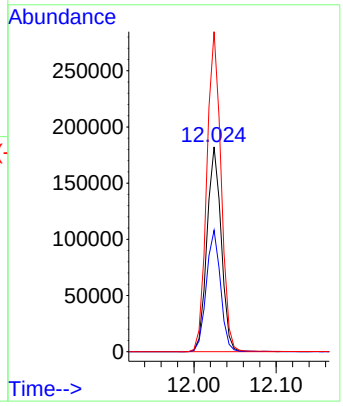


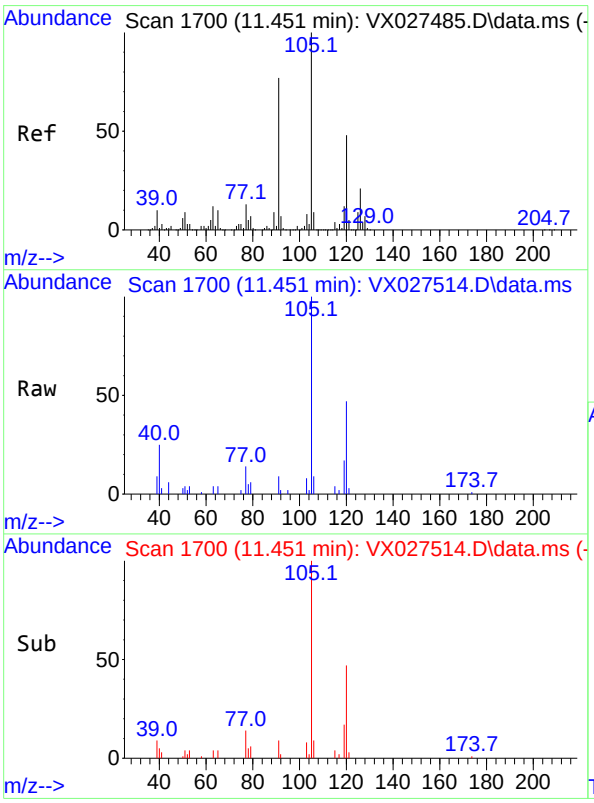
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion:152 Resp: 219250

Ion	Ratio	Lower	Upper
152	100		
115	59.1	37.5	112.7
150	156.3	0.0	338.2

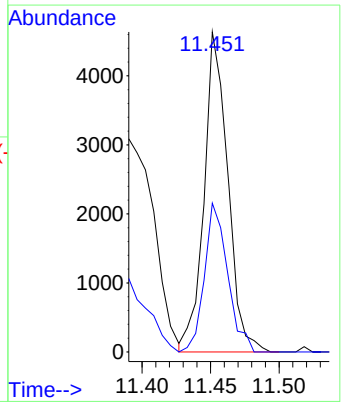


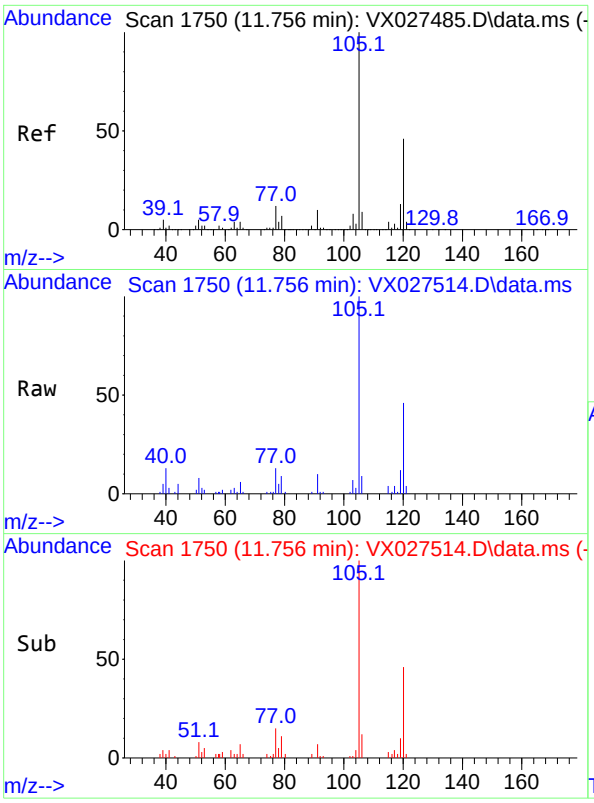


#80
1,3,5-Trimethylbenzene
Concen: 0.415 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion:105 Resp: 5584

Ion	Ratio	Lower	Upper
105	100		
120	45.4	24.3	72.9



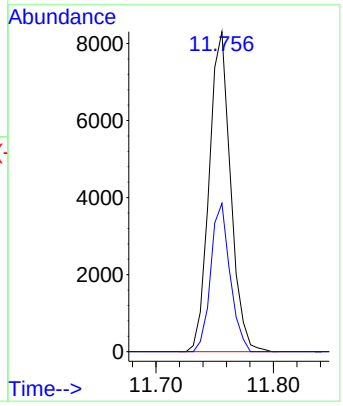


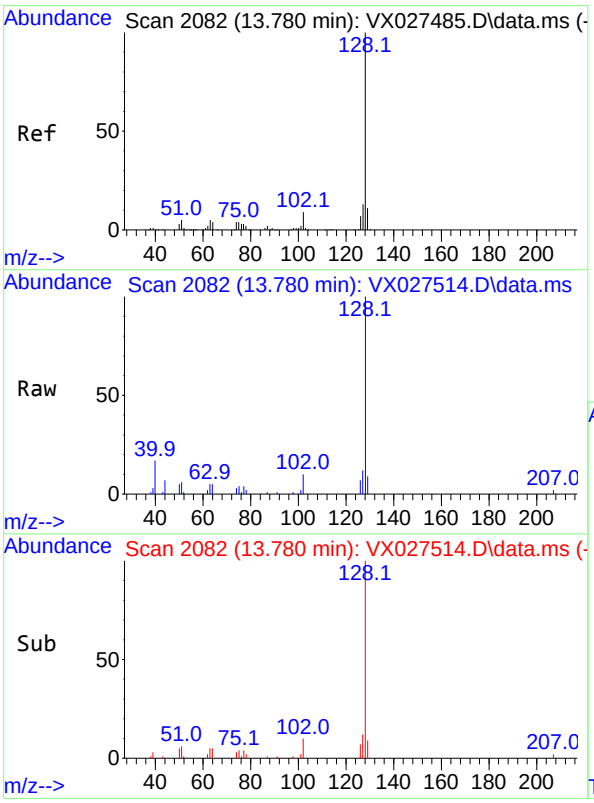
#84
1,2,4-Trimethylbenzene
Concen: 0.786 ug/l
RT: 11.756 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Instrument :
MSVOA_X
ClientSampleId :
MW-126

Tgt Ion:105 Resp: 10538

Ion	Ratio	Lower	Upper
105	100		
120	41.6	22.6	67.8





#95
Naphthalene
Concen: 0.459 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX027514.D
Acq: 18 Mar 2022 02:04

Tgt Ion:128 Resp: 6970

Ion	Ratio	Lower	Upper
128	100		
127	12.2	10.2	15.4
129	10.3	8.7	13.1