Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070121\
Data File : VX023097.D
Acq On : 01 Jul 2021 19:59
Operator : JC/MD
Sample : M2896-04 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : FS-02

Quant Time: Jul 02 04:33:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	54701	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	113767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	106076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61544	61.996	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 124.000%#			
35) Dibromofluoromethane	5.397	113	36934	51.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.240%			
50) Toluene-d8	8.653	98	143059	50.526	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.060%			
62) 4-Bromofluorobenzene	11.085	95	70595	66.807	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 133.620%#			
Target Compounds						Qvalue
16) Acetone	2.386	43	76134	172.995	ug/l #	85
18) Methyl Acetate	2.709	43	171765	158.591	ug/l	90
20) Methylene Chloride	2.788	84	1890	2.521	ug/l #	84
25) 2-Butanone	4.568	43	274058	400.451	ug/l #	88
29) Tetrahydrofuran	5.013	42	59075	134.199	ug/l #	84
40) Benzene	6.043	78	94436	27.102	ug/l	99
43) Isopropyl Acetate	6.348	43	6384	2.837	ug/l #	62
51) 4-Methyl-2-Pentanone	8.580	43	41011	29.281	ug/l	88
52) Toluene	8.726	92	245448	116.526	ug/l	99
59) 2-Hexanone	9.433	43	216161	203.434	ug/l	85
67) Ethyl Benzene	10.195	91	91328	22.202	ug/l	93
68) m/p-Xylenes	10.305	106	73397	48.047	ug/l	84
69) o-Xylene	10.646	106	48827	32.841	ug/l	87
70) Styrene	10.659	104	17366	7.037	ug/l #	48
78) n-propylbenzene	11.305	91	10500	2.340	ug/l	93
80) 1,3,5-Trimethylbenzene	11.457	105	9928	3.261	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	38812	12.664	ug/l	94

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

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Instrument :
MSVOA_X
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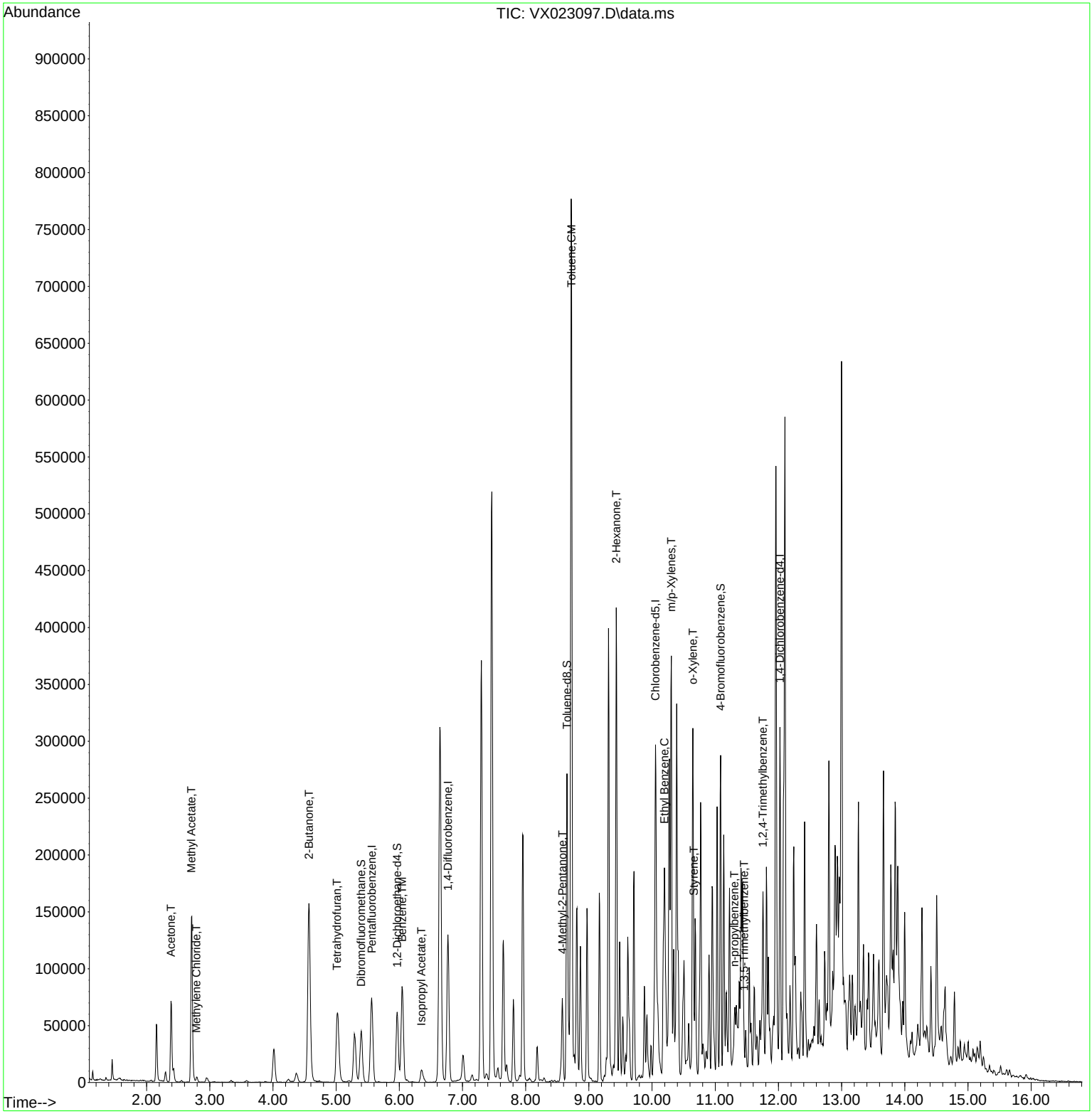
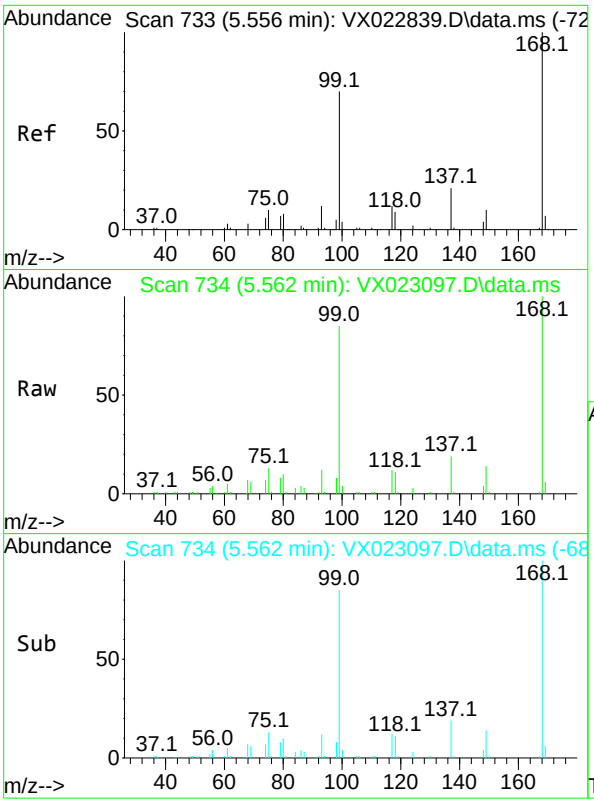
FS-02

Quant Time: Jul 02 04:33:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration



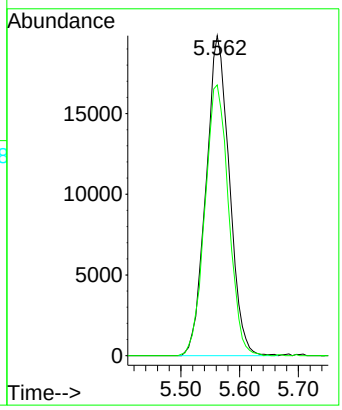
Instrument :
MSVOA_X
ClientSampleId :
FS-02

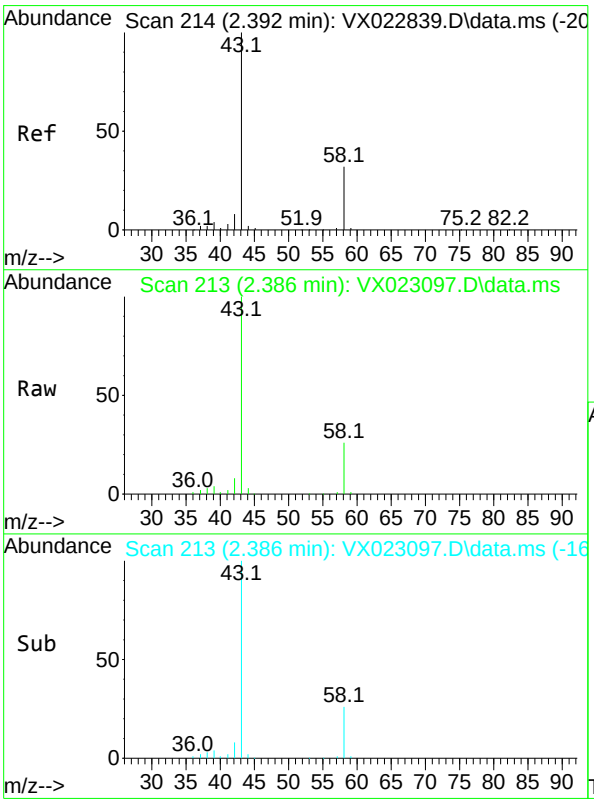


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:168 Resp: 54701

Ion	Ratio	Lower	Upper
168	100		
99	84.6	45.8	68.6#

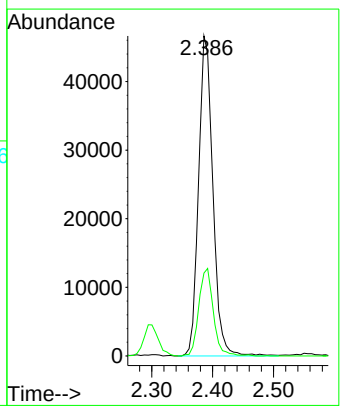


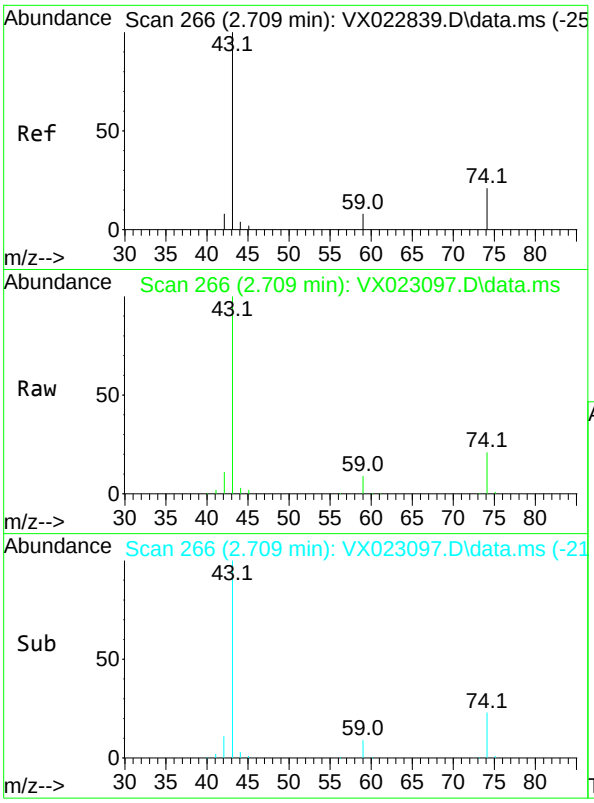


#16
Acetone
Concen: 172.995 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 43 Resp: 76134

Ion	Ratio	Lower	Upper
43	100		
58	25.9	27.8	41.8#

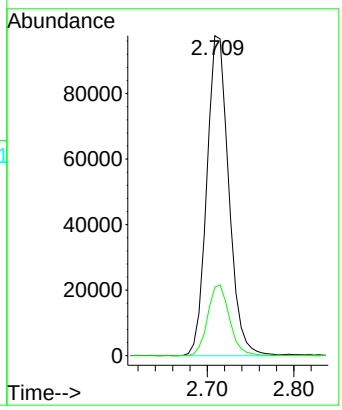




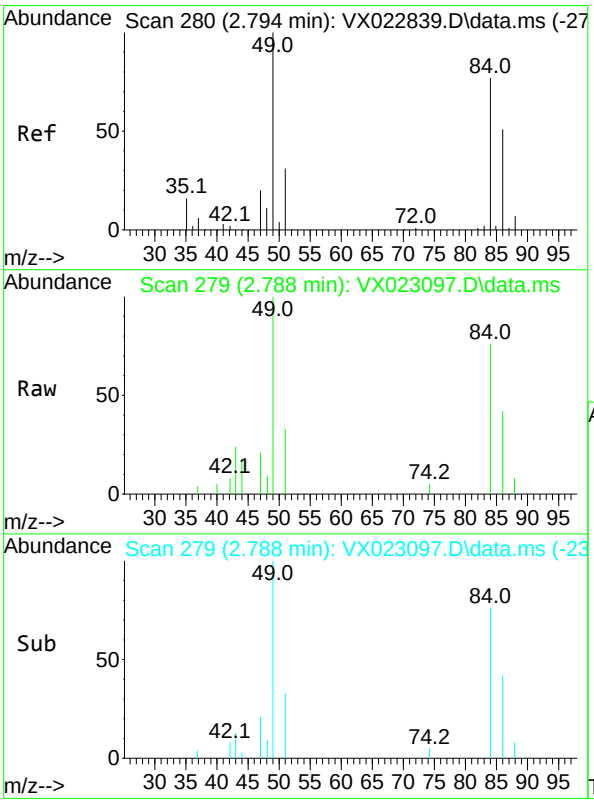
#18
Methyl Acetate
Concen: 158.591 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 43 Resp: 171765

Ion	Ratio	Lower	Upper
43	100		
74	22.1	21.9	32.9



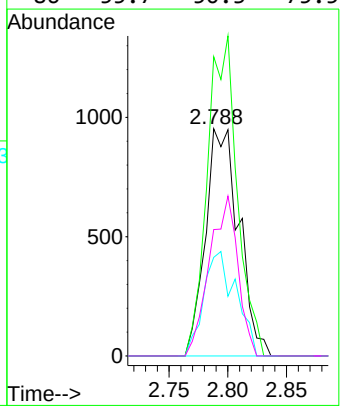
Instrument :
MSVOA_X
ClientSampleId :
FS-02

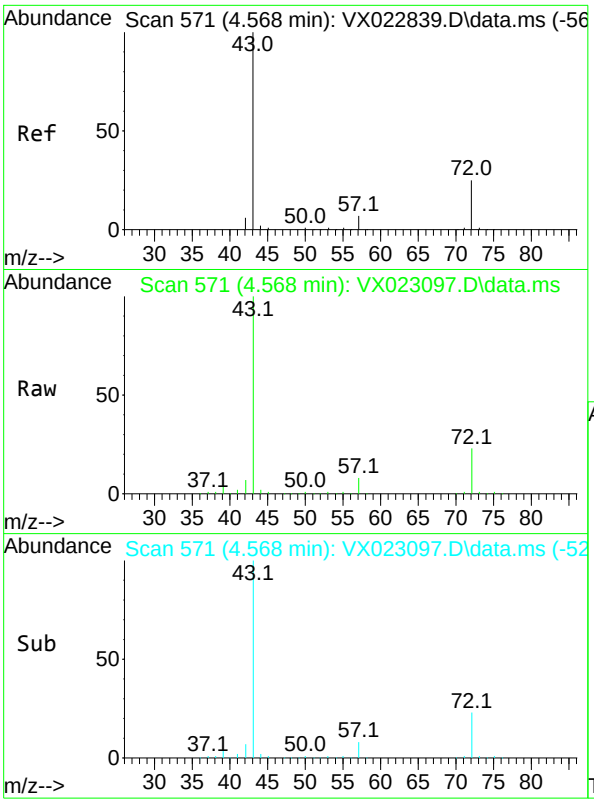


#20
Methylene Chloride
Concen: 2.521 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 84 Resp: 1890

Ion	Ratio	Lower	Upper
84	100		
49	131.7	88.6	132.8
51	43.4	27.0	40.6#
86	55.7	50.3	75.5



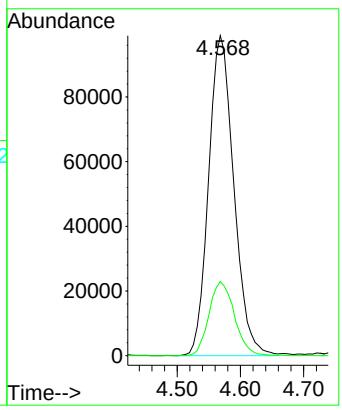


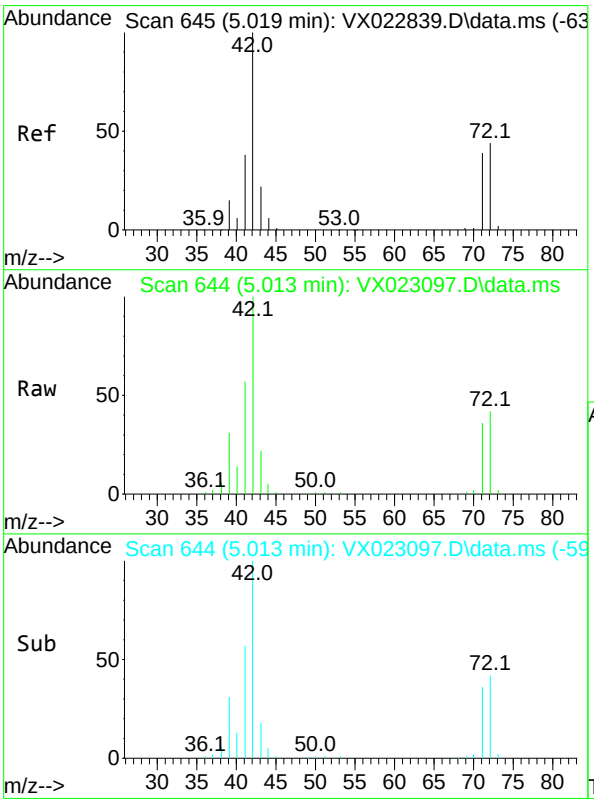
#25
2-Butanone
Concen: 400.451 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Instrument :
MSVOA_X
ClientSampleId :
FS-02

Tgt Ion: 43 Resp: 274058

Ion	Ratio	Lower	Upper
43	100		
72	23.2	23.7	35.5#

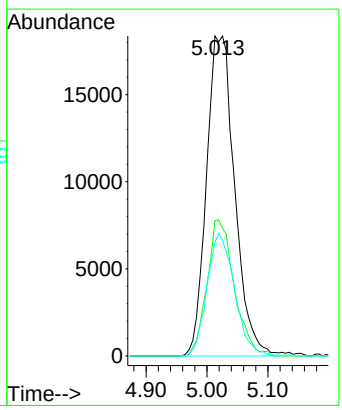




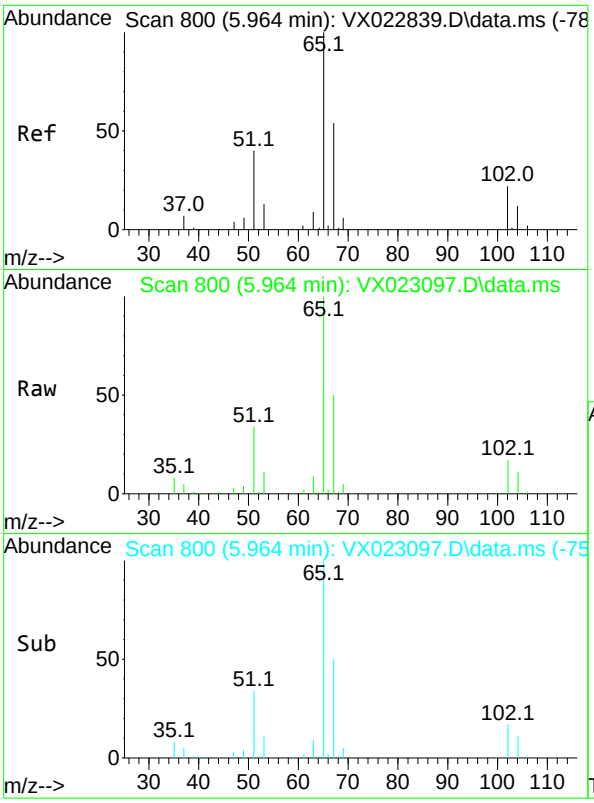
#29
Tetrahydrofuran
Concen: 134.199 ug/l
RT: 5.013 min Scan# 644
Delta R.T. -0.006 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 42 Resp: 59075

Ion	Ratio	Lower	Upper
42	100		
72	41.0	41.7	62.5#
71	37.1	38.4	57.6#



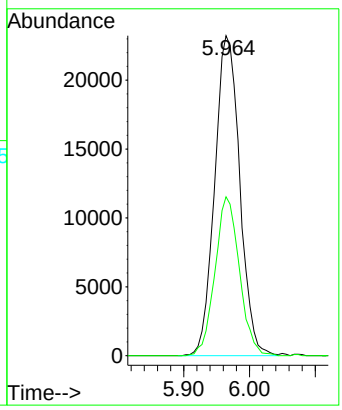
Instrument :
MSVOA_X
ClientSampleId :
FS-02

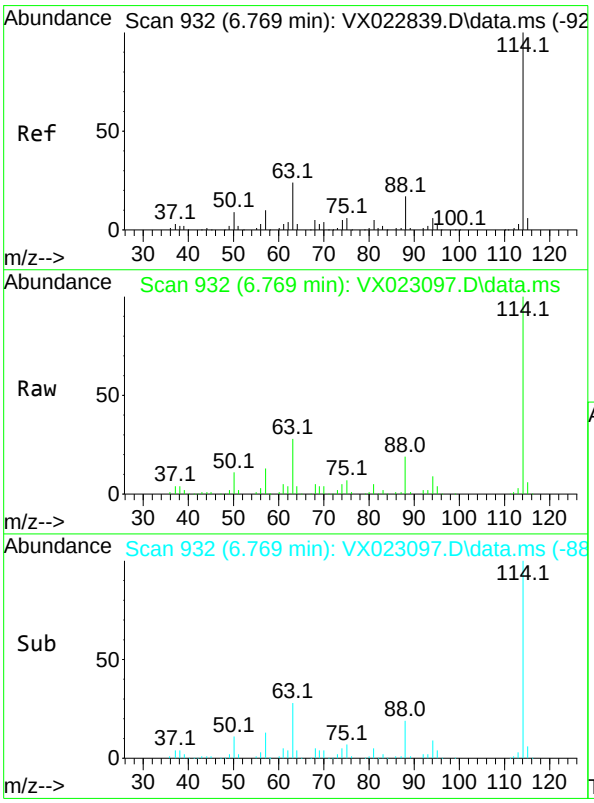


#33
1,2-Dichloroethane-d4
Concen: 61.996 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 65 Resp: 61544

Ion	Ratio	Lower	Upper
65	100		
67	48.4	0.0	105.4

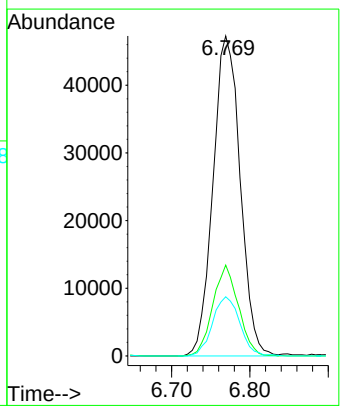




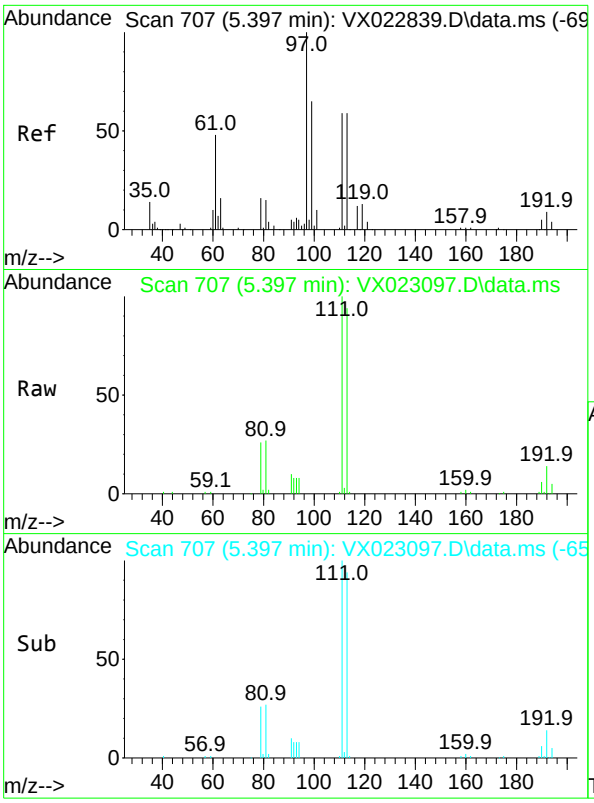
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:114 Resp: 113767

Ion	Ratio	Lower	Upper
114	100		
63	28.4	0.0	40.8
88	18.5	0.0	32.8



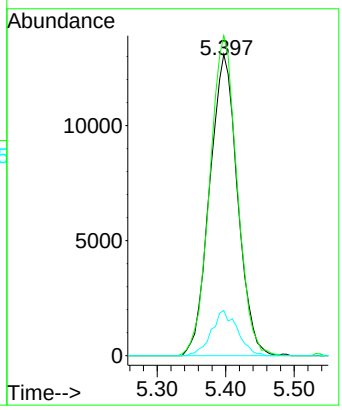
Instrument :
MSVOA_X
ClientSampleId :
FS-02

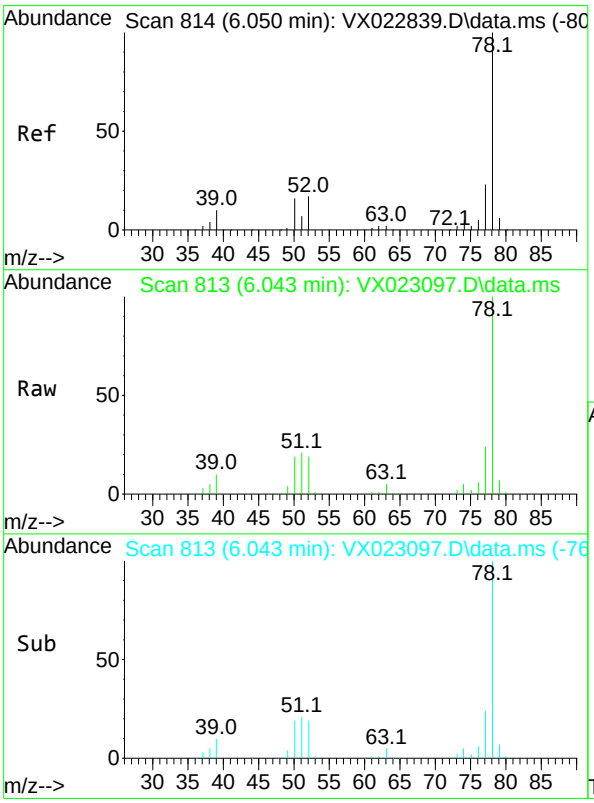


#35
Dibromofluoromethane
Concen: 51.123 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:113 Resp: 36934

Ion	Ratio	Lower	Upper
113	100		
111	104.5	81.9	122.9
192	14.0	16.7	25.1#

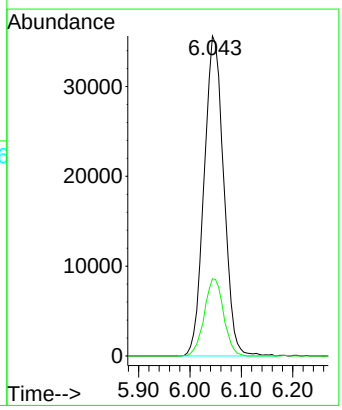


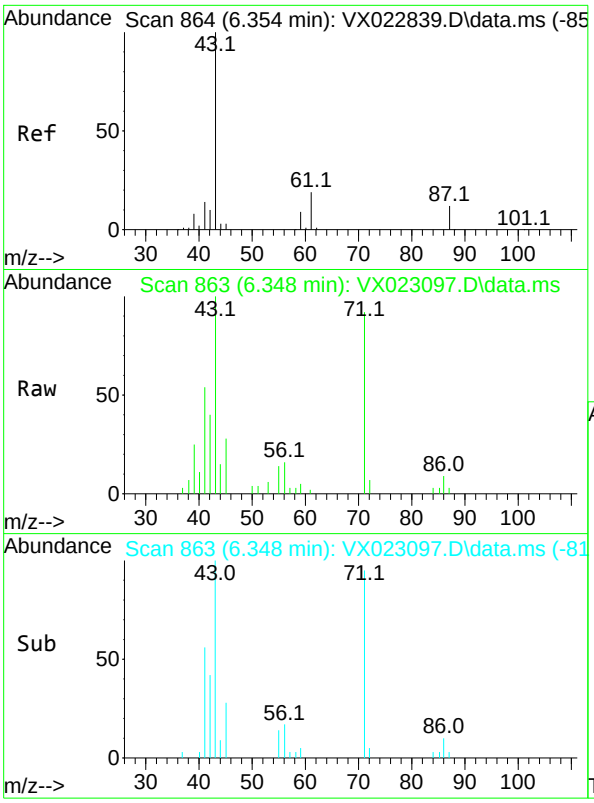


#40
Benzene
Concen: 27.102 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.007 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 78 Resp: 94436

Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3



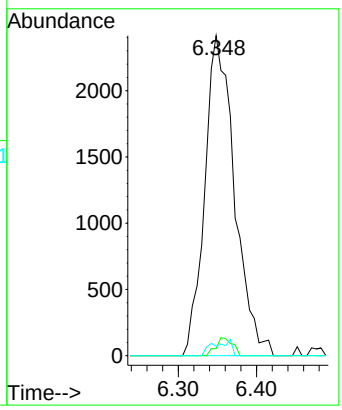


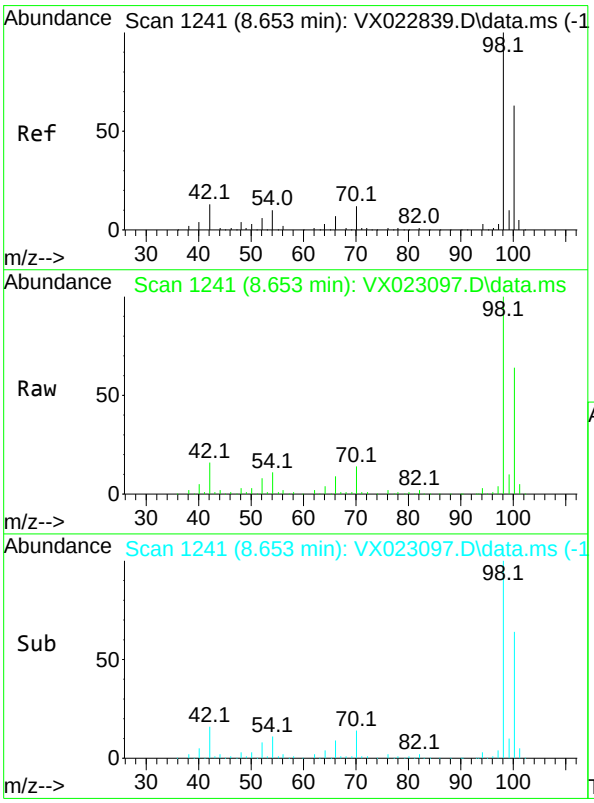
#43
Isopropyl Acetate
Concen: 2.837 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Instrument :
MSVOA_X
ClientSampleId :
FS-02

Tgt Ion: 43 Resp: 6384

Ion	Ratio	Lower	Upper
43	100		
61	3.1	18.2	27.4#
87	1.3	12.5	18.7#

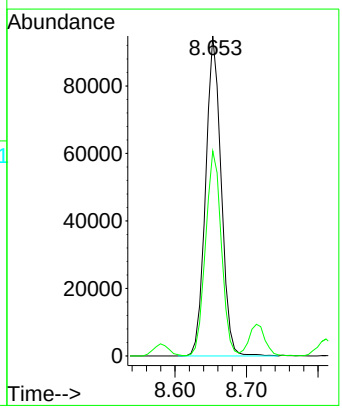




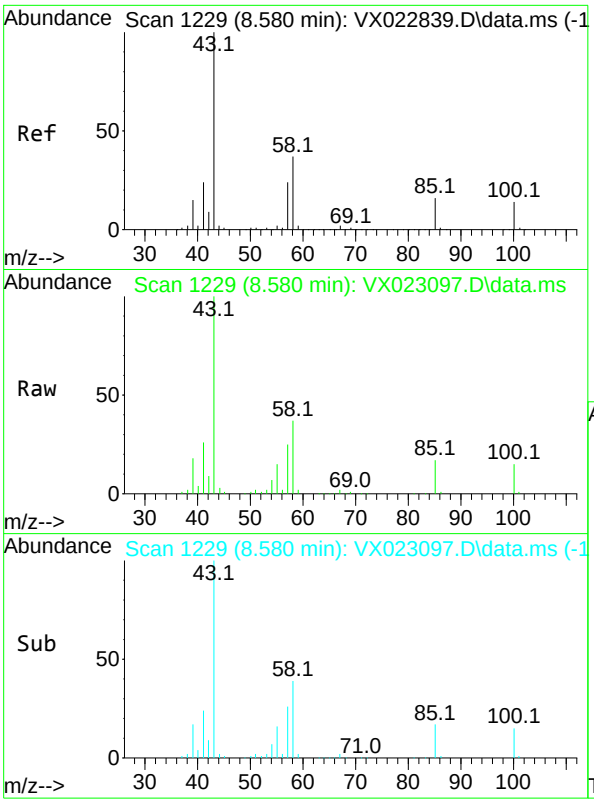
#50
Toluene-d8
Concen: 50.526 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 98 Resp: 143059

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9



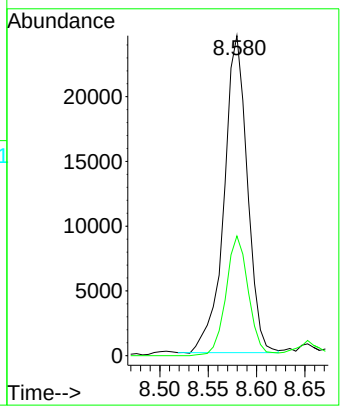
Instrument :
MSVOA_X
ClientSampleId :
FS-02

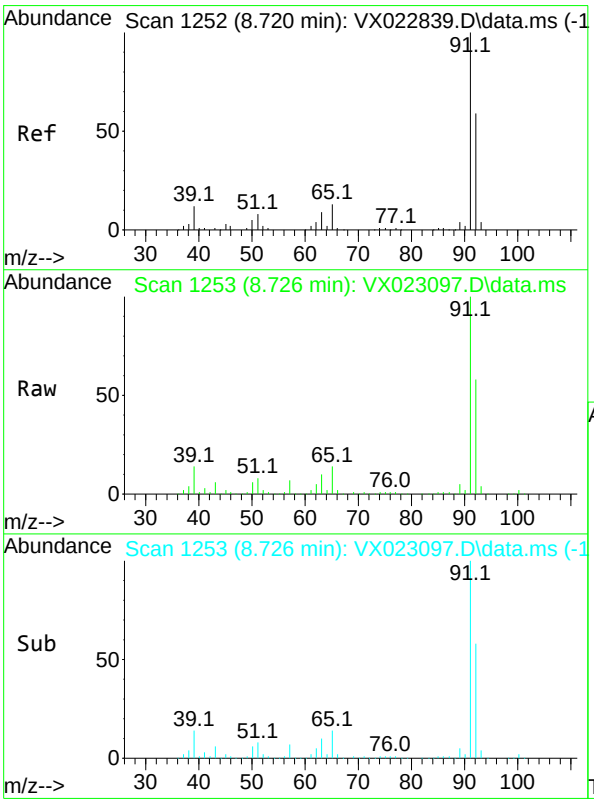


#51
4-Methyl-2-Pentanone
Concen: 29.281 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 43 Resp: 41011

Ion	Ratio	Lower	Upper
43	100		
58	36.4	35.4	53.0

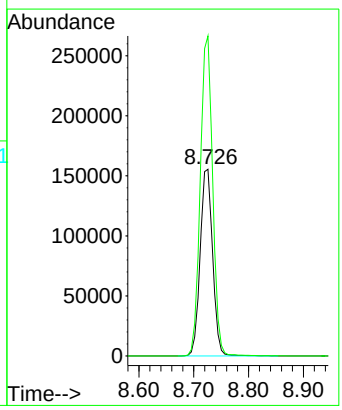




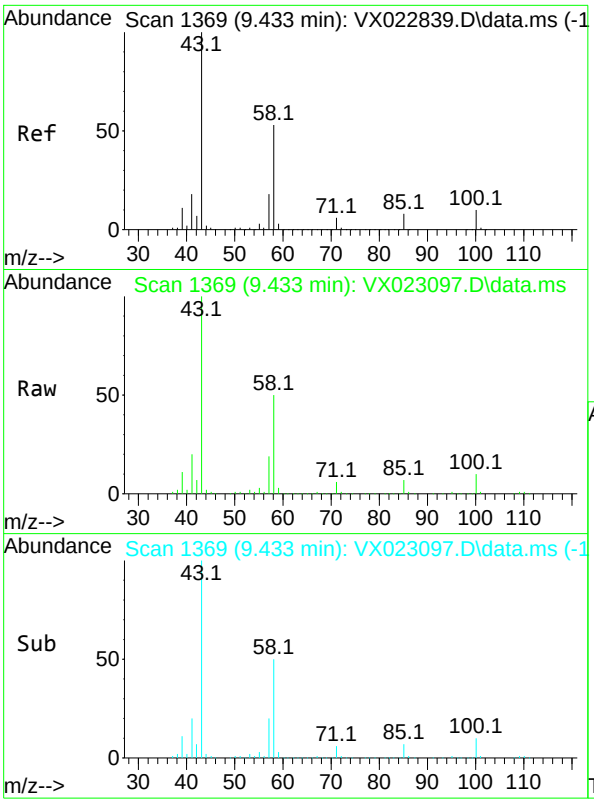
#52
Toluene
Concen: 116.526 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 92 Resp: 245448

Ion	Ratio	Lower	Upper
92	100		
91	170.0	137.1	205.7



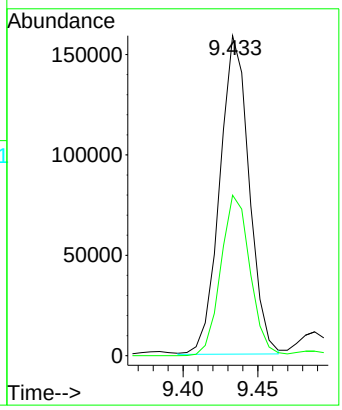
Instrument :
MSVOA_X
ClientSampleId :
FS-02

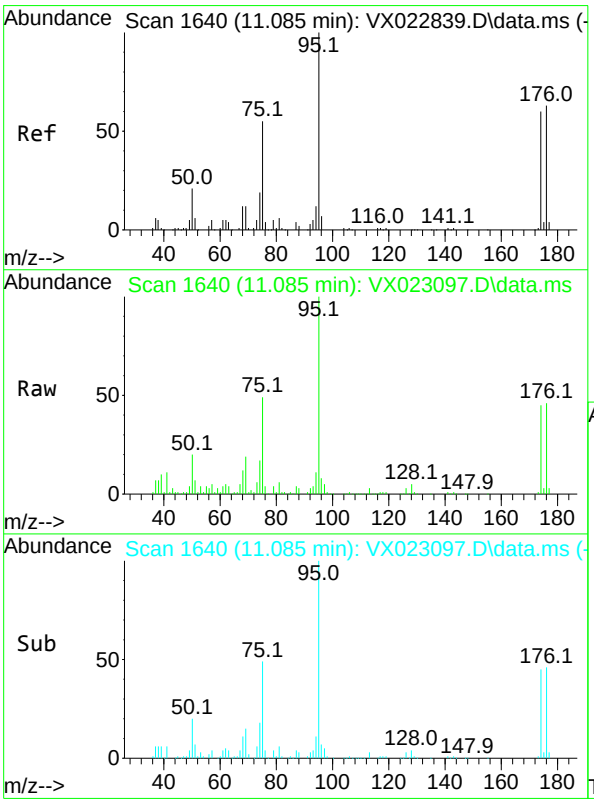


#59
2-Hexanone
Concen: 203.434 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 43 Resp: 216161

Ion	Ratio	Lower	Upper
43	100		
58	50.1	30.9	92.8

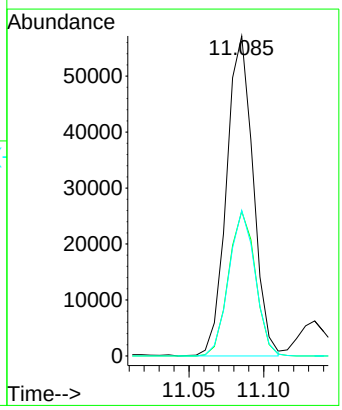




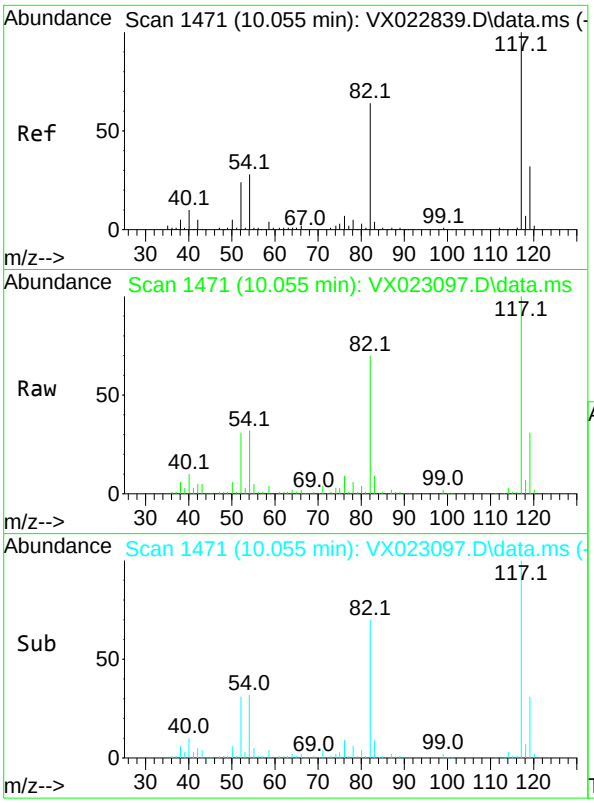
#62
4-Bromofluorobenzene
Concen: 66.807 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 95 Resp: 70595

Ion	Ratio	Lower	Upper
95	100		
174	45.5	0.0	154.6
176	45.1	0.0	155.8



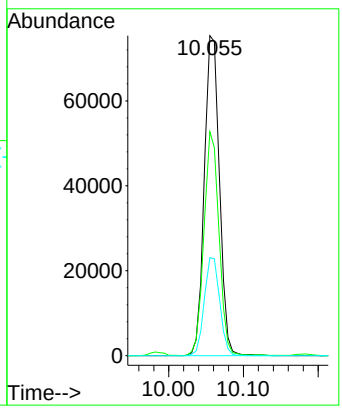
Instrument :
MSVOA_X
ClientSampleId :
FS-02

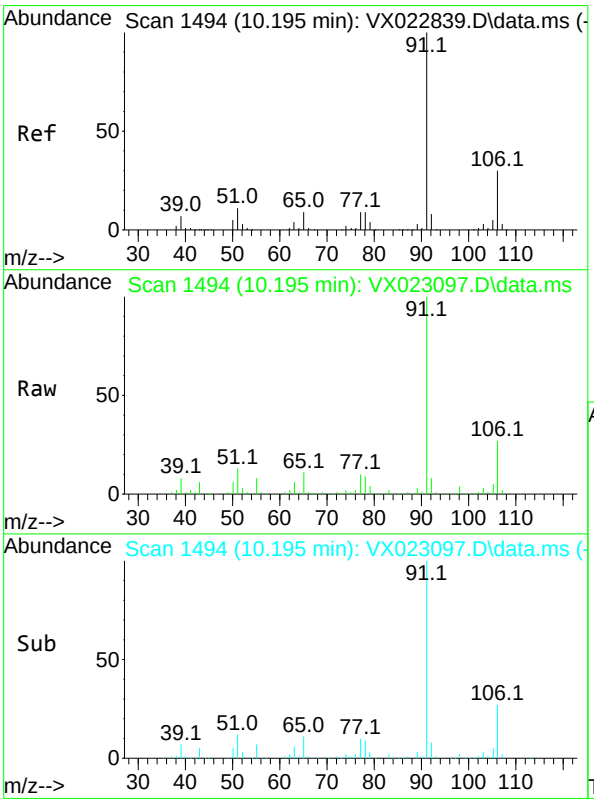


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:117 Resp: 106076

Ion	Ratio	Lower	Upper
117	100		
82	69.9	47.4	71.2
119	30.7	26.6	39.8

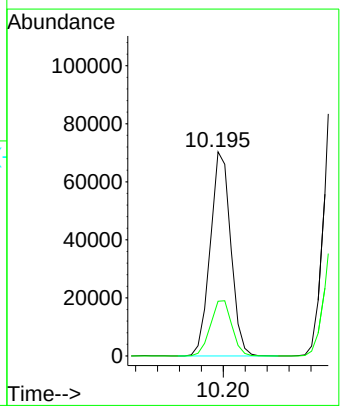




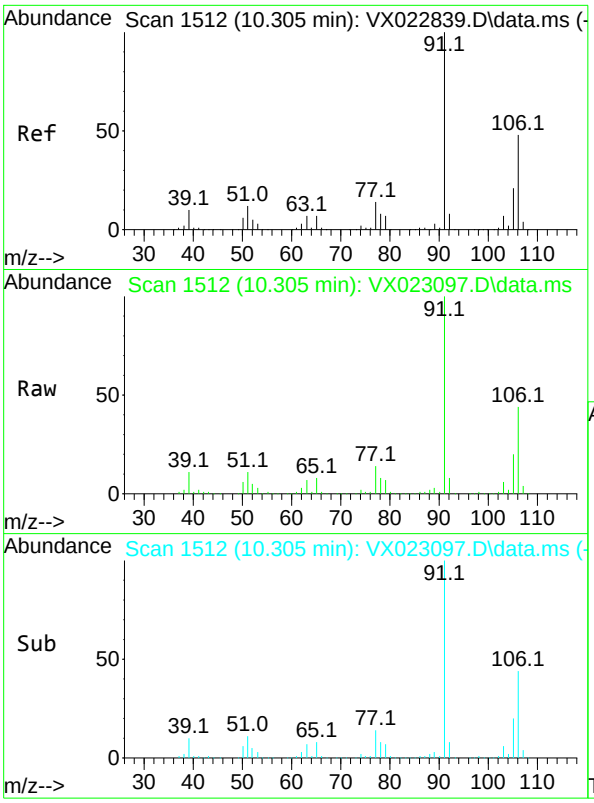
#67
Ethyl Benzene
Concen: 22.202 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 91 Resp: 91328

Ion	Ratio	Lower	Upper
91	100		
106	26.8	24.6	37.0



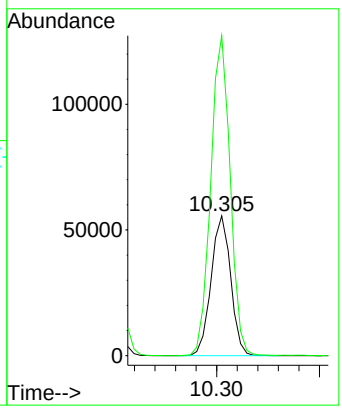
Instrument :
MSVOA_X
ClientSampleId :
FS-02

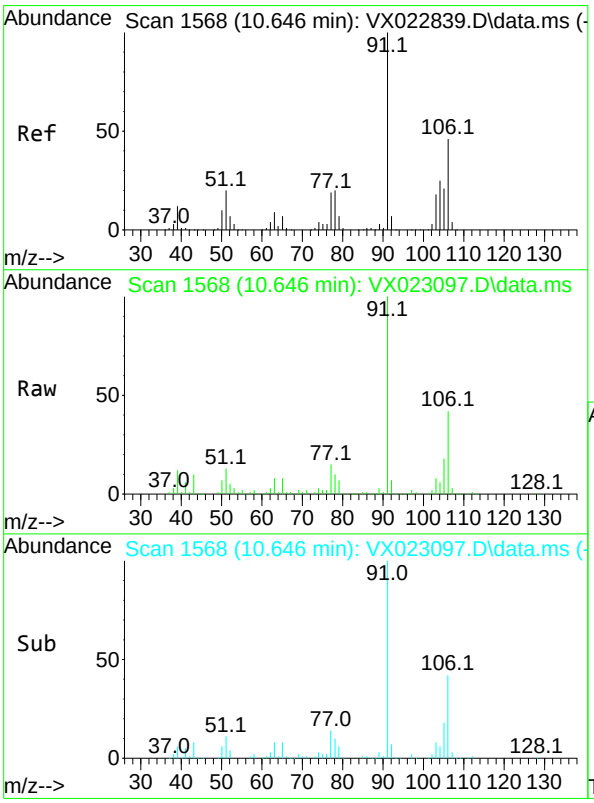


#68
m/p-Xylenes
Concen: 48.047 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:106 Resp: 73397

Ion	Ratio	Lower	Upper
106	100		
91	227.8	162.8	244.2

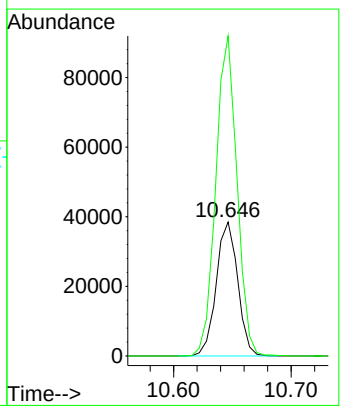




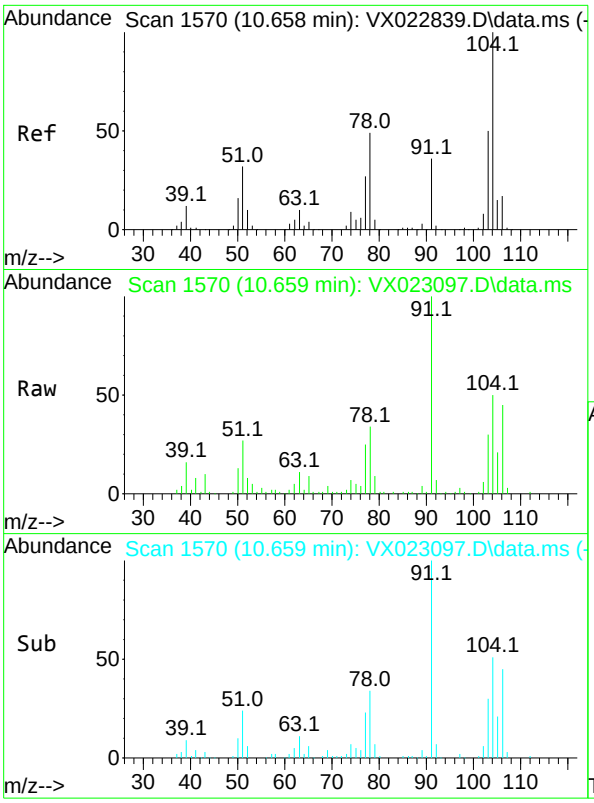
#69
o-Xylene
Concen: 32.841 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:106 Resp: 48827

Ion	Ratio	Lower	Upper
106	100		
91	236.4	108.1	324.2



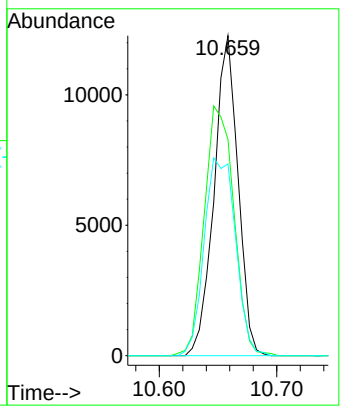
Instrument :
MSVOA_X
ClientSampleId :
FS-02

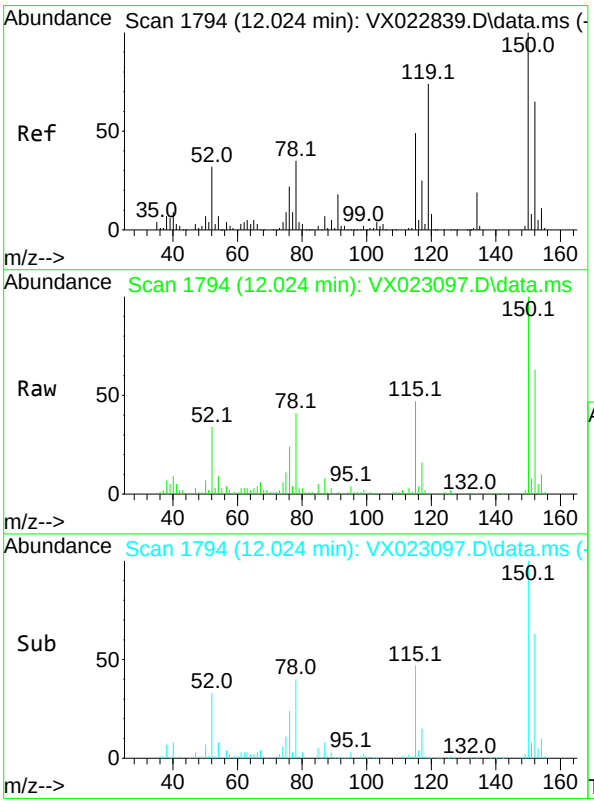


#70
Styrene
Concen: 7.037 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:104 Resp: 17366

Ion	Ratio	Lower	Upper
104	100		
78	96.4	40.0	60.0#
103	80.8	43.4	65.0#

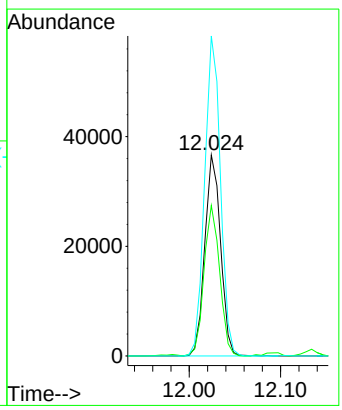




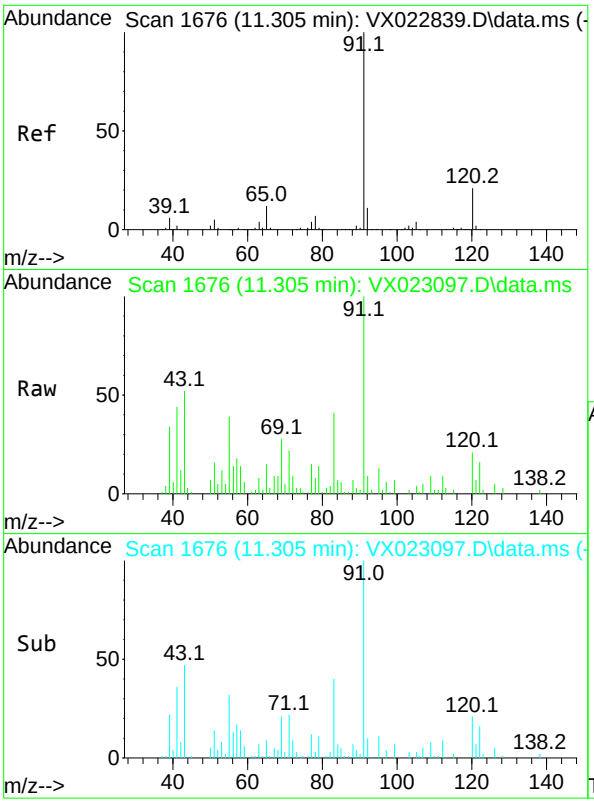
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:152 Resp: 43825

Ion	Ratio	Lower	Upper
152	100		
115	74.0	41.1	123.3
150	159.3	0.0	349.0



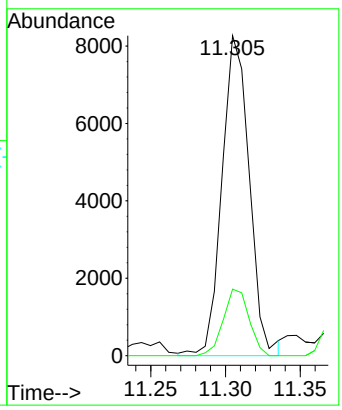
Instrument :
MSVOA_X
ClientSampleId :
FS-02

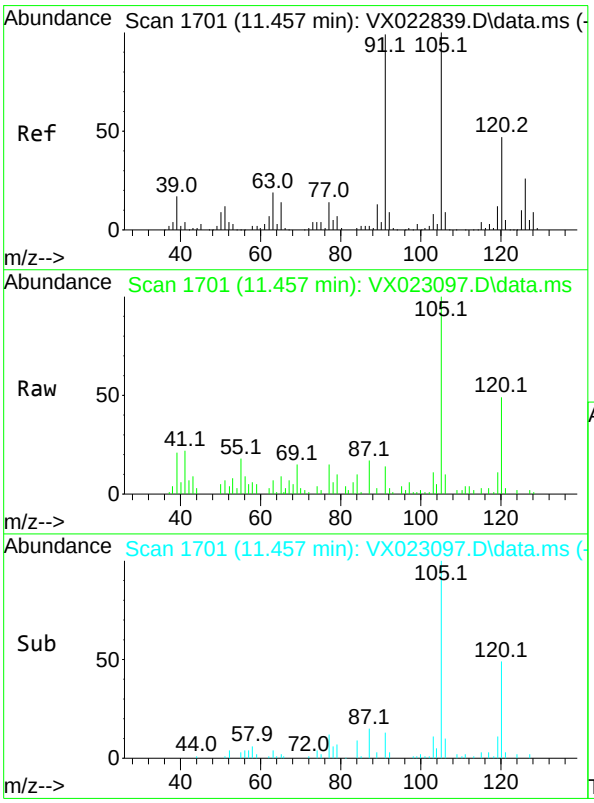


#78
n-propylbenzene
Concen: 2.340 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion: 91 Resp: 10500

Ion	Ratio	Lower	Upper
91	100		
120	19.6	11.5	34.5

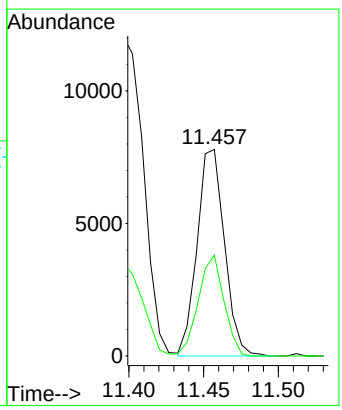


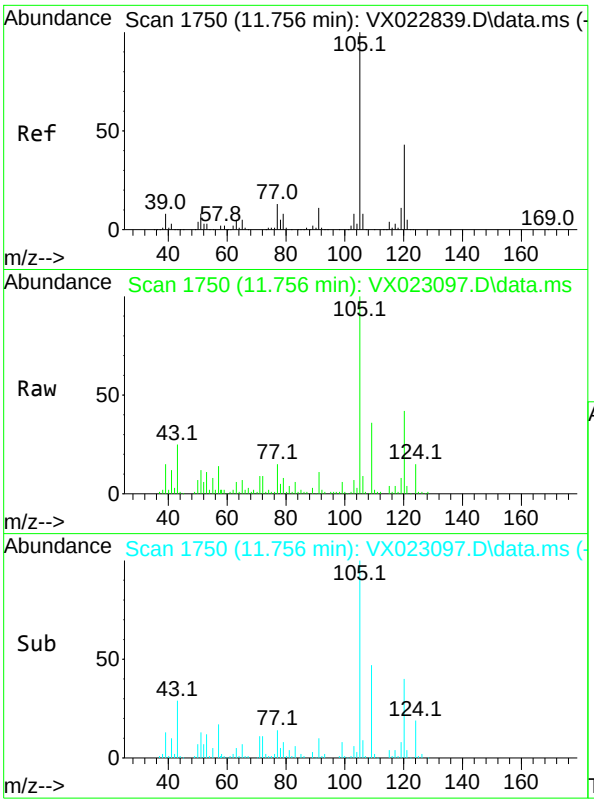


#80
1,3,5-Trimethylbenzene
Concen: 3.261 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:105 Resp: 9928

Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.8	71.5

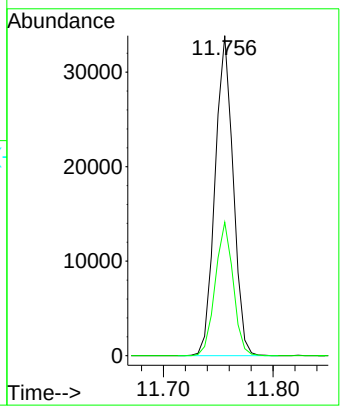




#84
1,2,4-Trimethylbenzene
Concen: 12.664 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX023097.D
Acq: 01 Jul 2021 19:59

Tgt Ion:105 Resp: 38812

Ion	Ratio	Lower	Upper
105	100		
120	41.3	22.4	67.3



Instrument :
MSVOA_X
ClientSampleId :
FS-02