Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
Data File : VX031393.D
Acq On : 16 Sep 2022 07:45
Operator : JC/MD
Sample : N4537-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW14

Quant Time: Sep 16 18:54:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	87884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131292	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91705	42.512	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 85.020%			
35) Dibromofluoromethane	5.385	113	75428	47.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.820%			
50) Toluene-d8	8.653	98	283761	48.050	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.100%			
62) 4-Bromofluorobenzene	11.079	95	94507	43.701	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.400%			
Target Compounds						Qvalue
16) Acetone	2.386	43	82395	89.473	ug/l	99
25) 2-Butanone	4.574	43	8184	5.388	ug/l	97
30) Chloroform	5.105	83	2077	0.659	ug/l	98
39) Methylcyclohexane	7.385	83	3412	1.438	ug/l #	85
40) Benzene	6.043	78	68635	11.092	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	4392	1.495	ug/l	89
52) Toluene	8.720	92	793	0.203	ug/l	83
67) Ethyl Benzene	10.195	91	171785	27.275	ug/l	100
69) o-Xylene	10.646	106	1044	0.430	ug/l	72
73) Isopropylbenzene	10.963	105	29155	6.122	ug/l	99
78) n-propylbenzene	11.305	91	35439	6.341	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	6652	1.677	ug/l	87
85) sec-Butylbenzene	11.890	105	29828	5.968	ug/l	97
86) p-Isopropyltoluene	12.012	119	7554	1.855	ug/l	93
89) n-Butylbenzene	12.335	91	11840	3.278	ug/l #	67
95) Naphthalene	13.774	128	164818	35.546	ug/l	98

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
Data File : VX031393.D
Acq On : 16 Sep 2022 07:45
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Misc : 5.0mL/MSVOA_X/WATER
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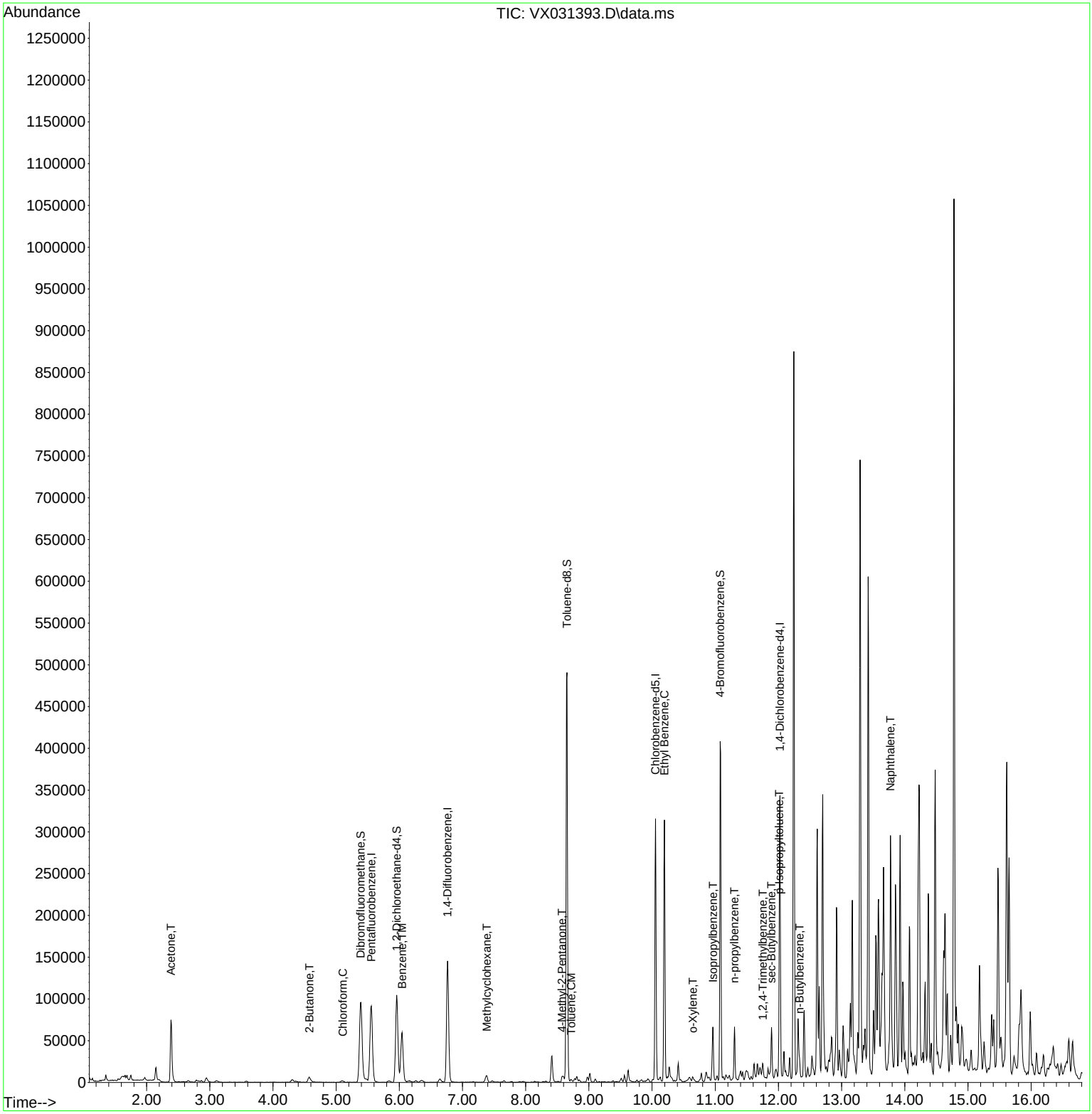
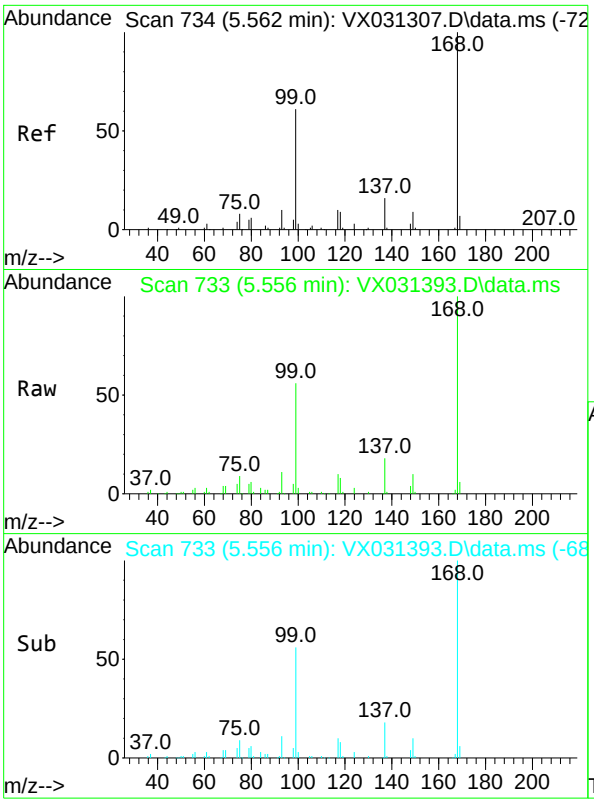
ClientSampleId :
MW14

Quant Time: Sep 16 18:54:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration



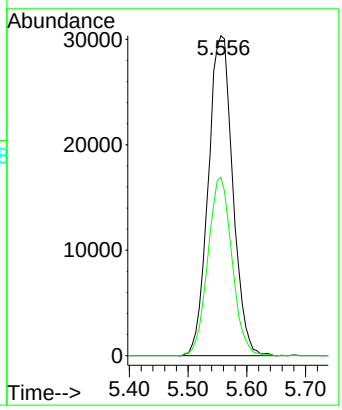


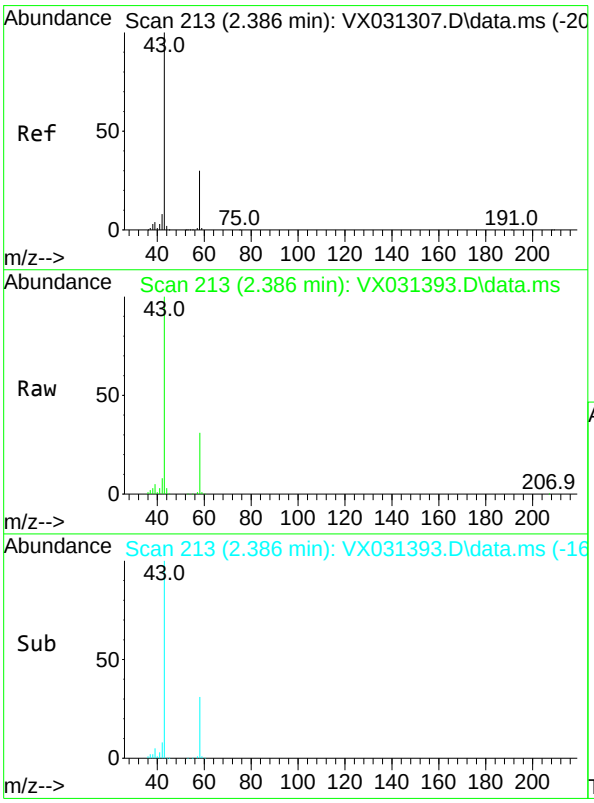
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:168 Resp: 87884

Ion	Ratio	Lower	Upper
168	100		
99	55.8	48.8	73.2

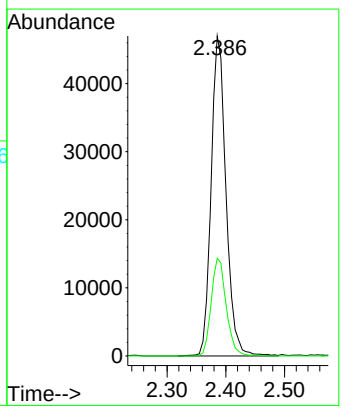


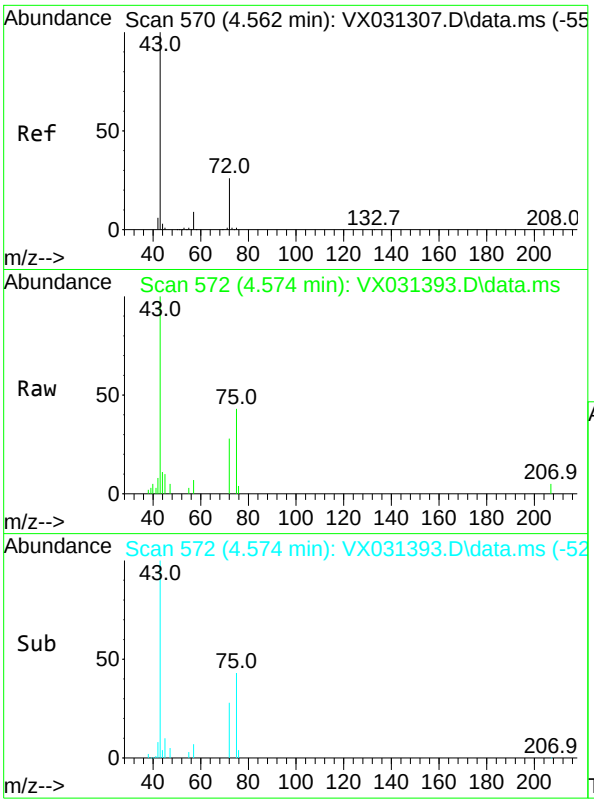


#16
Acetone
Concen: 89.473 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion: 43 Resp: 82395

Ion	Ratio	Lower	Upper
43	100		
58	30.5	23.8	35.8



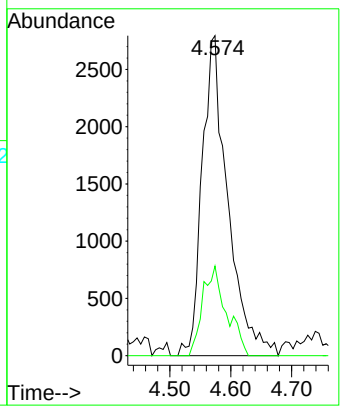


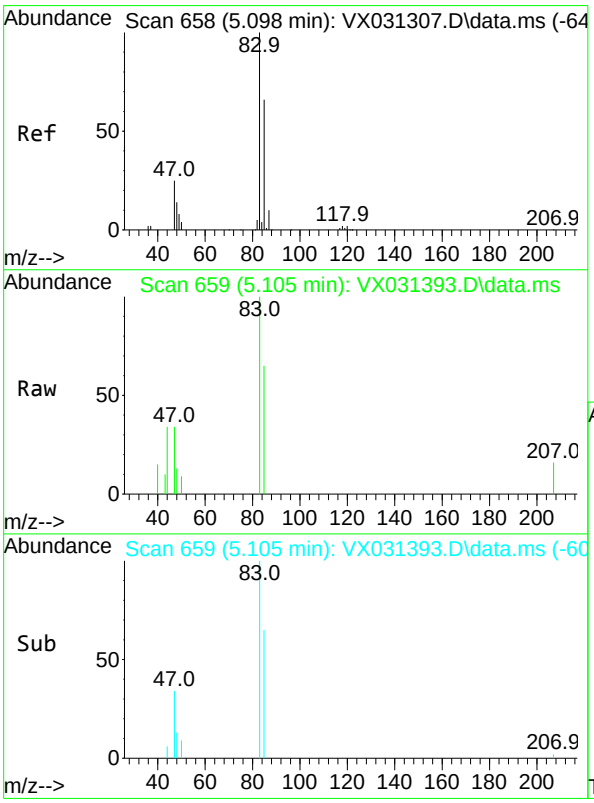
#25
2-Butanone
Concen: 5.388 ug/l
RT: 4.574 min Scan# 5
Delta R.T. 0.012 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 43 Resp: 8184

Ion	Ratio	Lower	Upper
43	100		
72	28.0	21.1	31.7

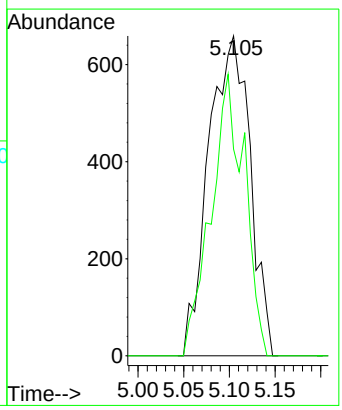


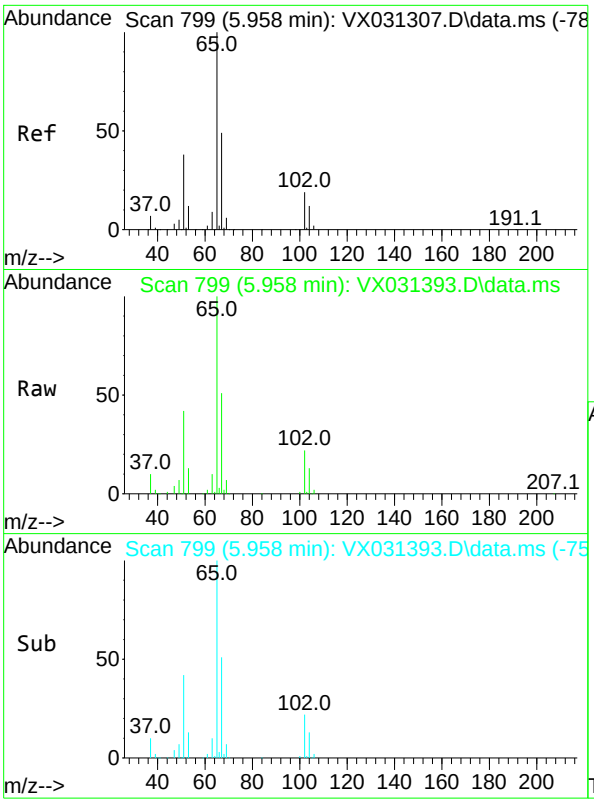


#30
Chloroform
Concen: 0.659 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion: 83 Resp: 2077

Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.8	79.2



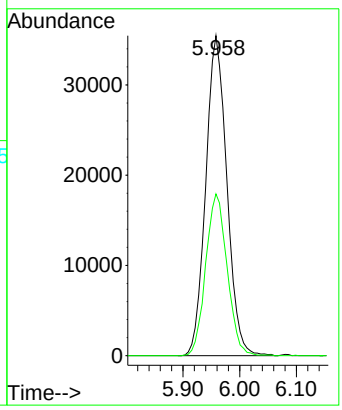


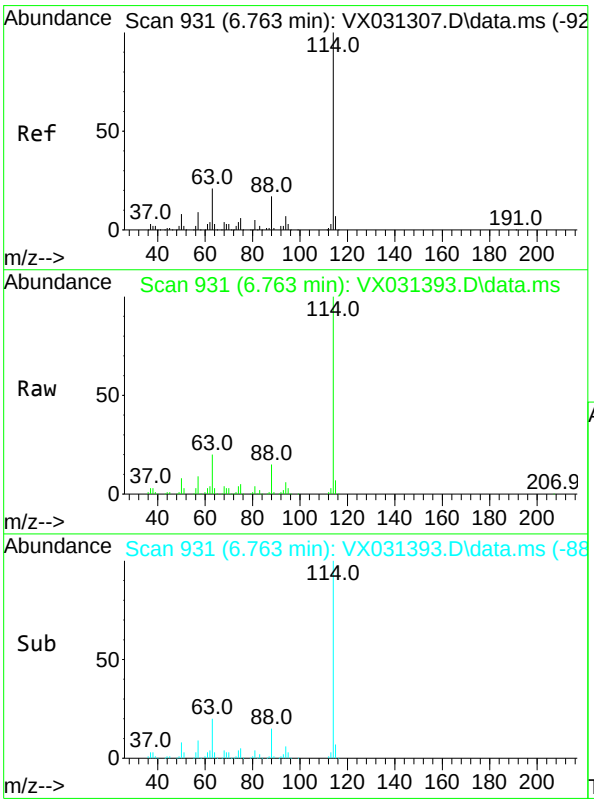
#33
1,2-Dichloroethane-d4
Concen: 42.512 ug/l
RT: 5.958 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 65 Resp: 91705

Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.4

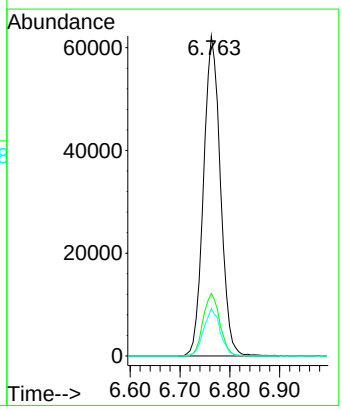


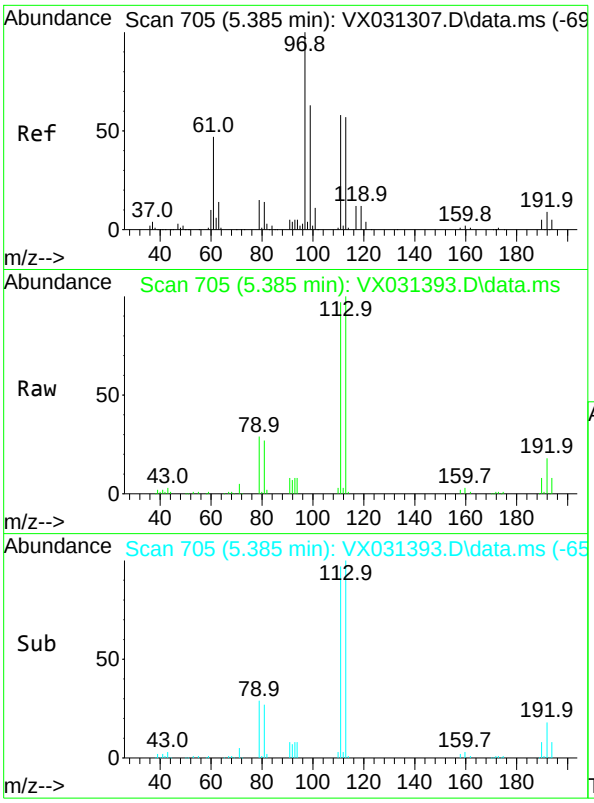


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion:114 Resp: 146460

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	42.6
88	14.8	0.0	33.0



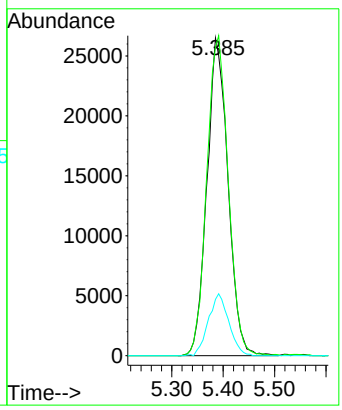


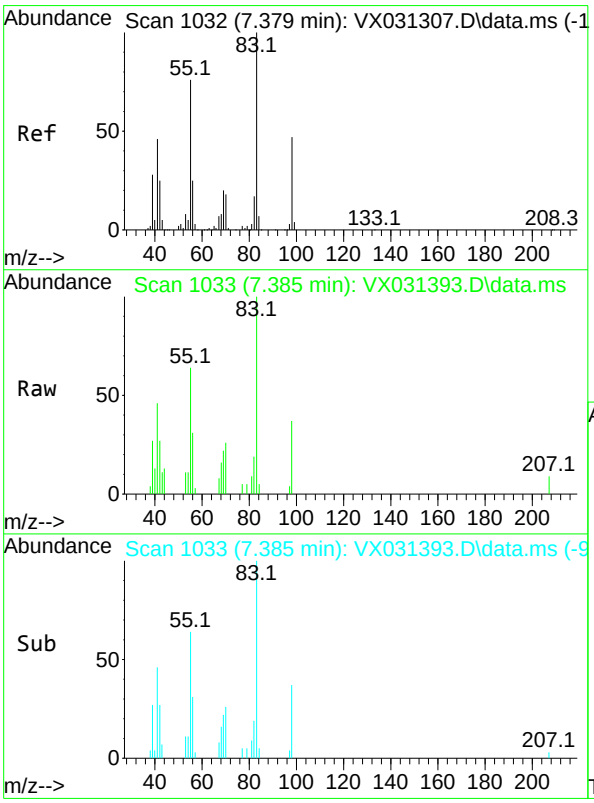
#35
Dibromofluoromethane
Concen: 47.911 ug/l
RT: 5.385 min Scan# 7(
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:113 Resp: 75428

Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	18.9	14.1	21.1

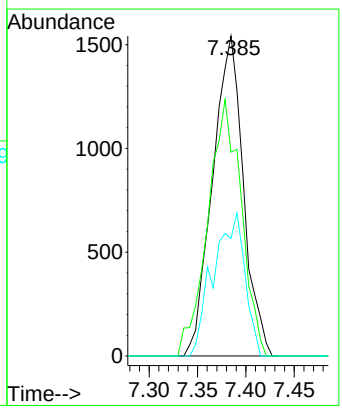


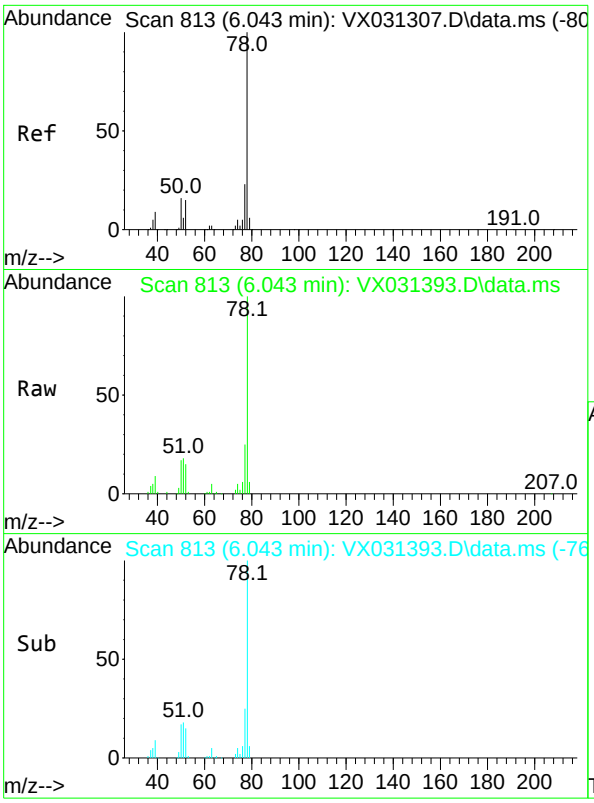


#39
Methylcyclohexane
Concen: 1.438 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion: 83 Resp: 3412

Ion	Ratio	Lower	Upper
83	100		
55	63.7	61.0	91.4
98	36.8	37.7	56.5#



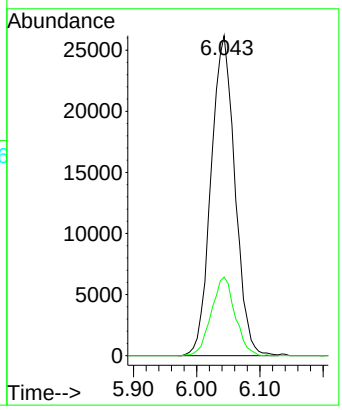


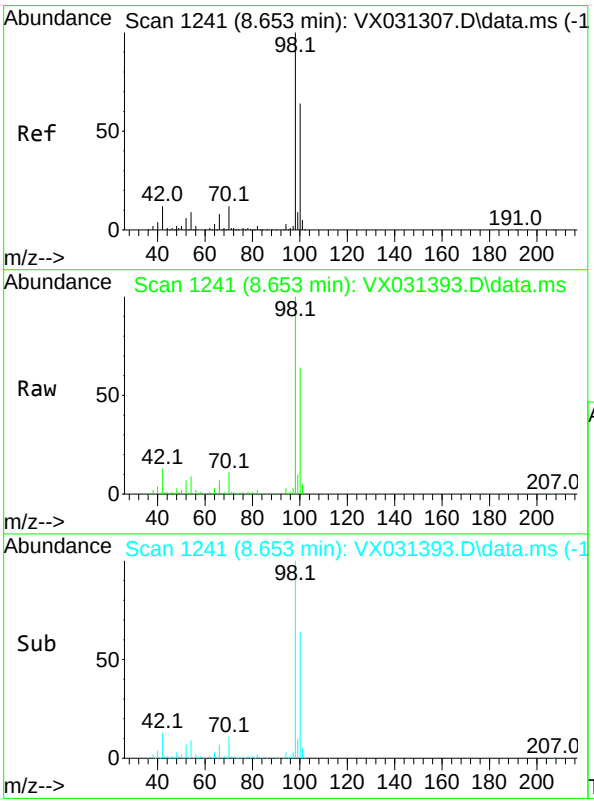
#40
Benzene
Concen: 11.092 ug/l
RT: 6.043 min Scan# 8
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 78 Resp: 68635

Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.7	28.1

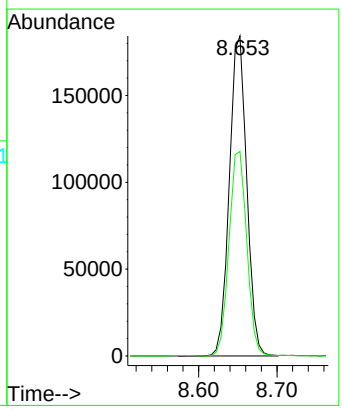


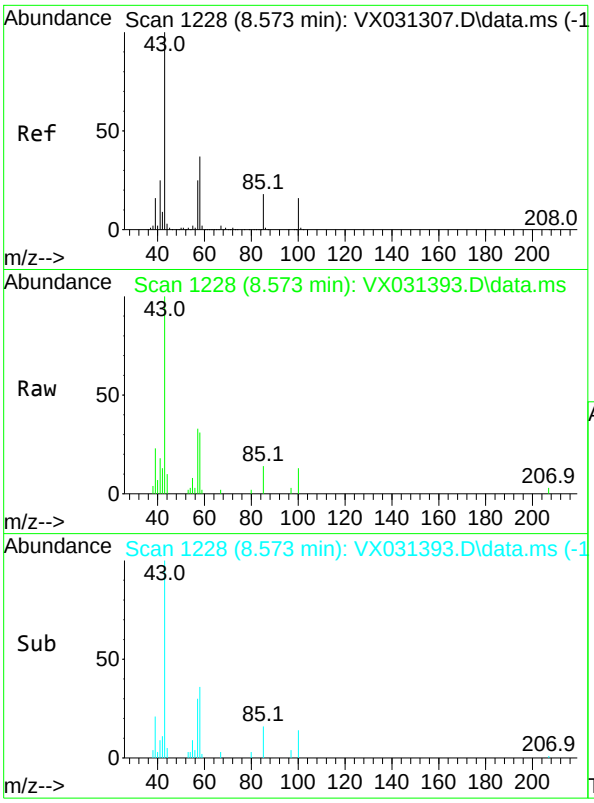


#50
Toluene-d8
Concen: 48.050 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion: 98 Resp: 283761

Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.5	78.7



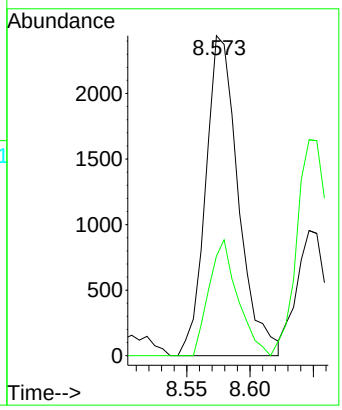


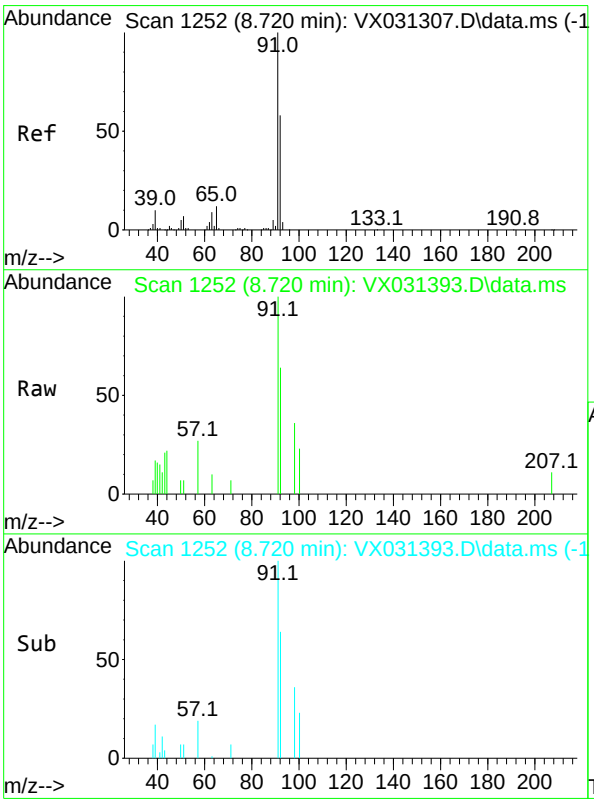
#51
4-Methyl-2-Pentanone
Concen: 1.495 ug/l
RT: 8.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 43 Resp: 4392

Ion	Ratio	Lower	Upper
43	100		
58	31.7	30.6	46.0

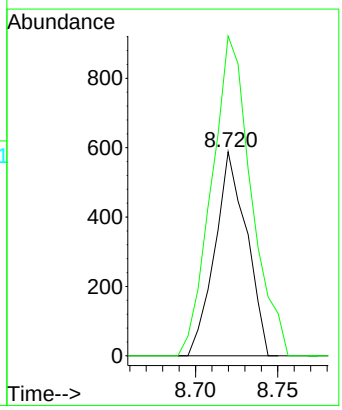


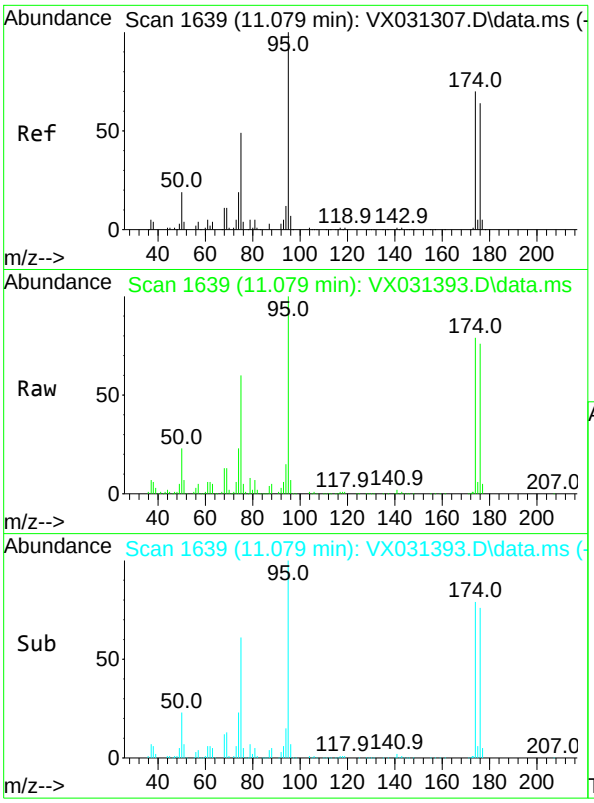


#52
Toluene
Concen: 0.203 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion: 92 Resp: 793

Ion	Ratio	Lower	Upper
92	100		
91	194.8	137.1	205.7



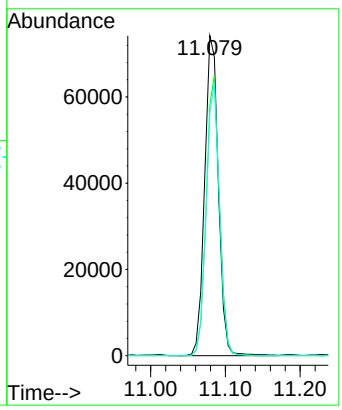


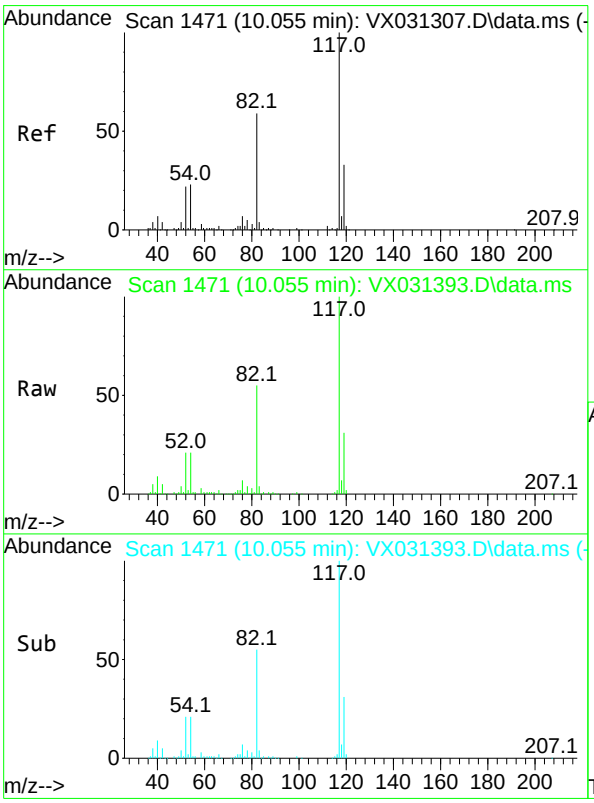
#62
4-Bromofluorobenzene
Concen: 43.701 ug/l
RT: 11.079 min Scan# 1(
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 95 Resp: 94507

Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	153.2
176	82.4	0.0	144.0

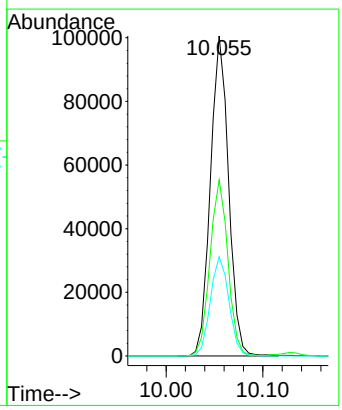


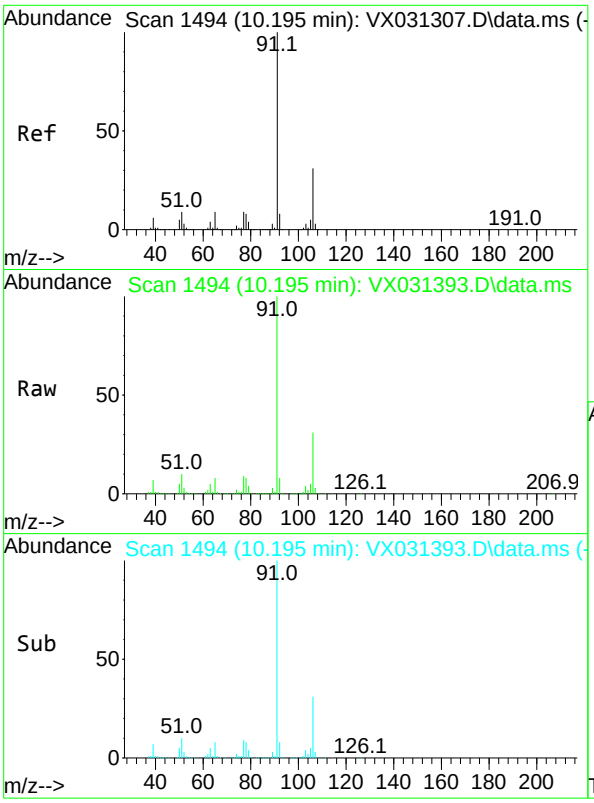


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion:117 Resp: 131292

Ion	Ratio	Lower	Upper
117	100		
82	55.1	46.8	70.2
119	31.1	26.4	39.6



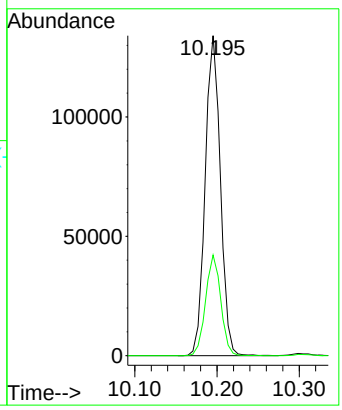


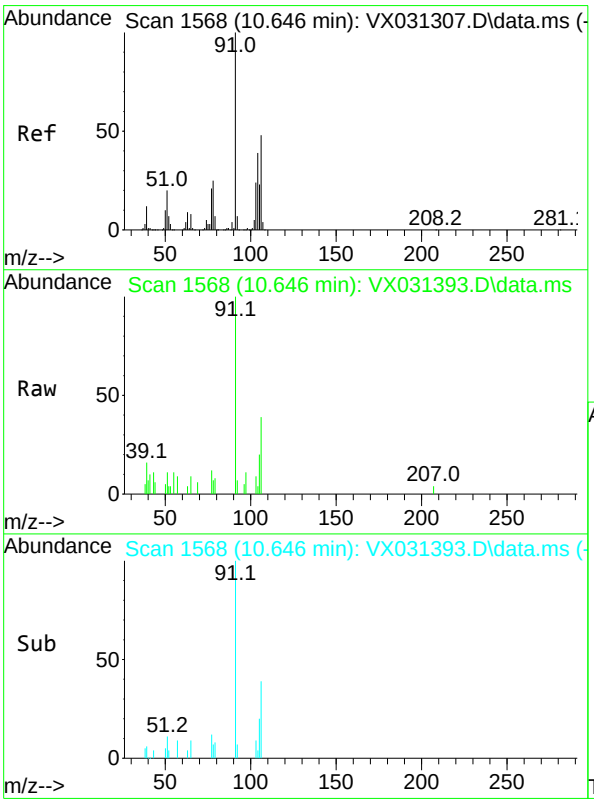
#67
Ethyl Benzene
Concen: 27.275 ug/l
RT: 10.195 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 91 Resp: 171785

Ion	Ratio	Lower	Upper
91	100		
106	31.5	25.2	37.8

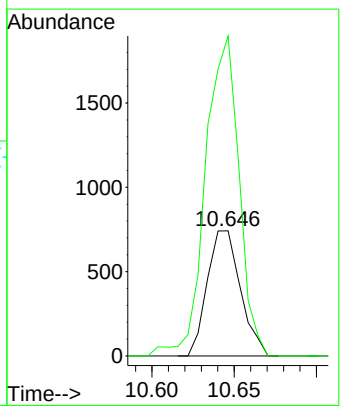


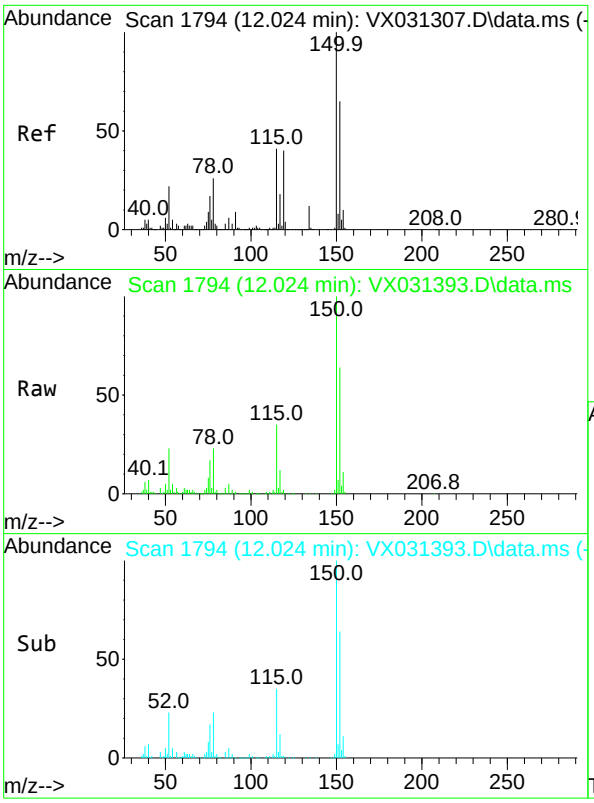


#69
o-Xylene
Concen: 0.430 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion:106 Resp: 1044

Ion	Ratio	Lower	Upper
106	100		
91	258.7	107.2	321.6



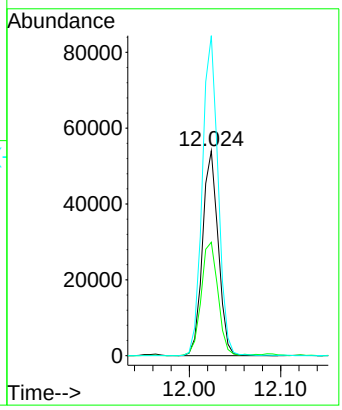


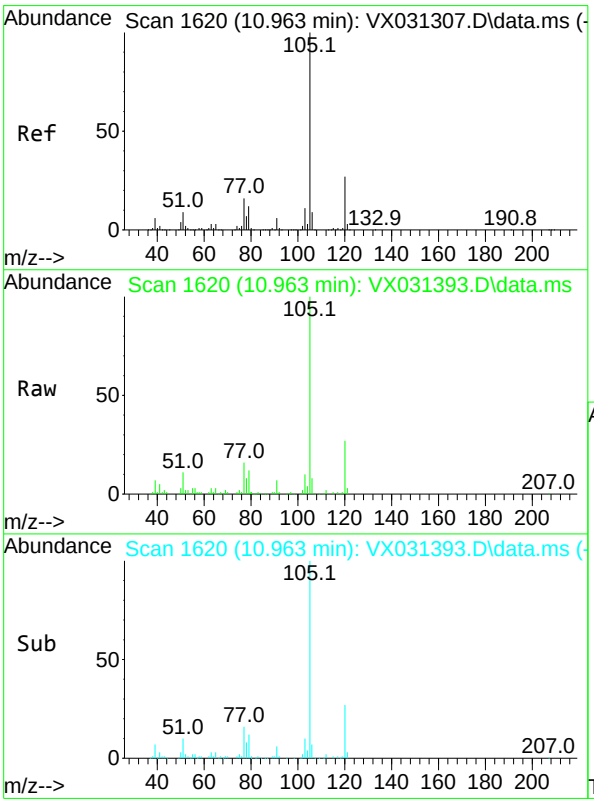
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:152 Resp: 64474

Ion	Ratio	Lower	Upper
152	100		
115	59.3	43.4	130.1
150	157.2	0.0	346.8

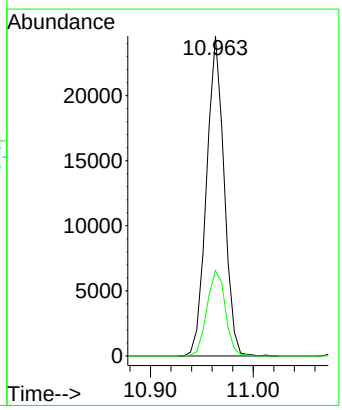


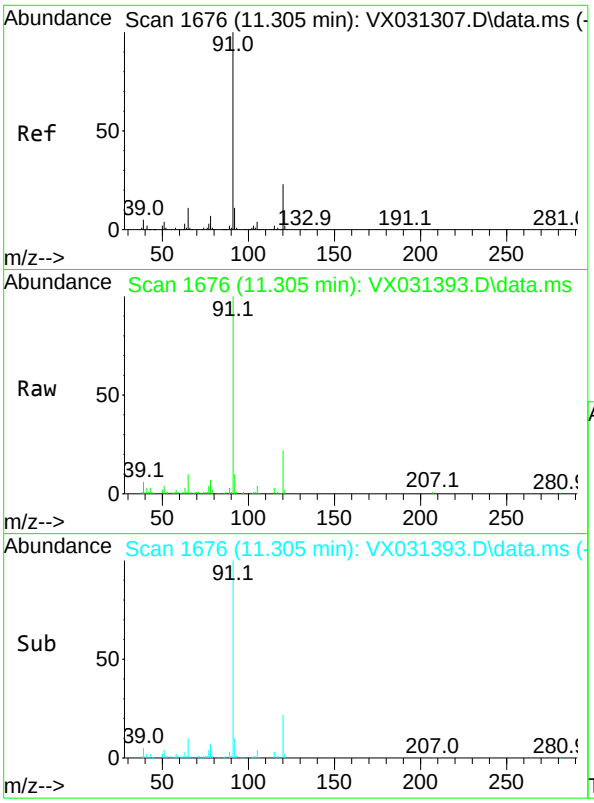


#73
Isopropylbenzene
Concen: 6.122 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion:105 Resp: 29155

Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.7	41.0



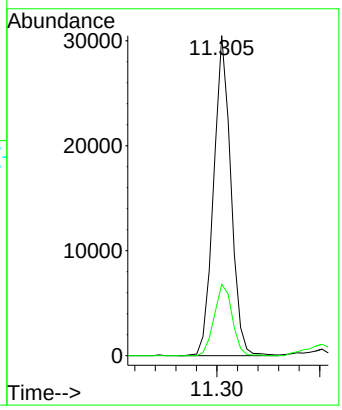


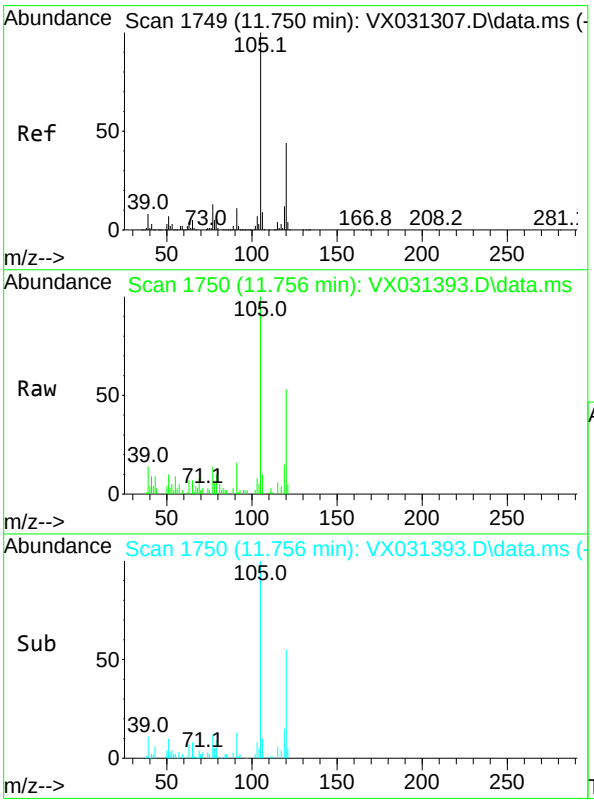
#78
n-propylbenzene
Concen: 6.341 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 91 Resp: 35439

Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.4

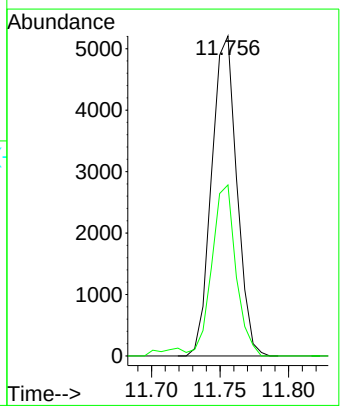


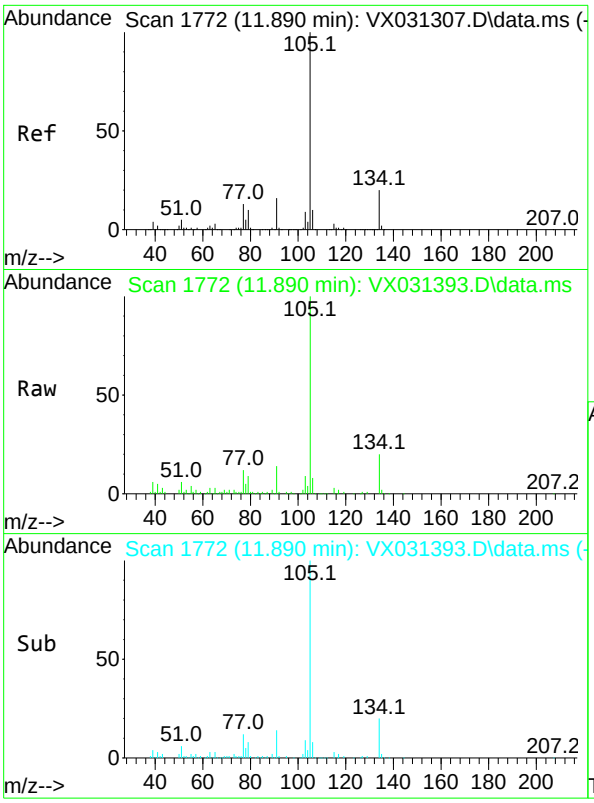


#84
1,2,4-Trimethylbenzene
Concen: 1.677 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion:105 Resp: 6652

Ion	Ratio	Lower	Upper
105	100		
120	53.6	22.6	67.8



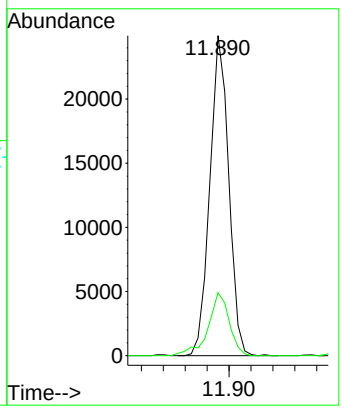


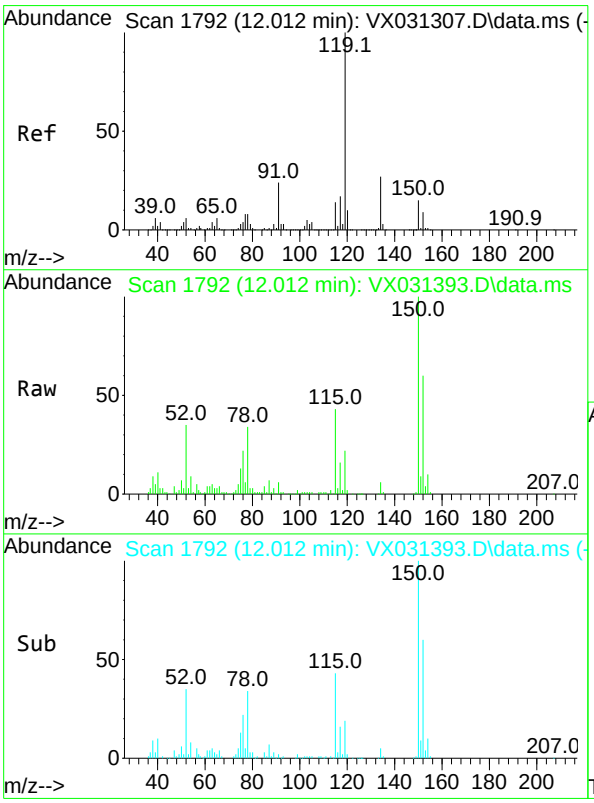
#85
sec-Butylbenzene
Concen: 5.968 ug/l
RT: 11.890 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion:105 Resp: 29828

Ion	Ratio	Lower	Upper
105	100		
134	22.0	10.4	31.1

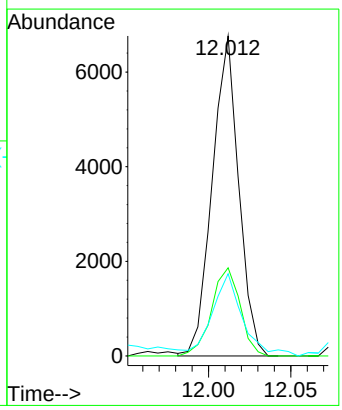


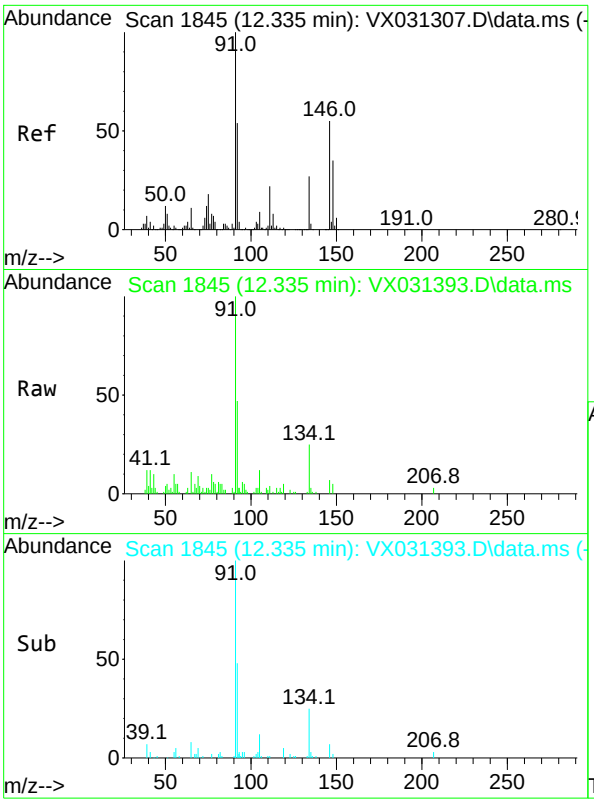


#86
p-Isopropyltoluene
Concen: 1.855 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion:119 Resp: 7554

Ion	Ratio	Lower	Upper
119	100		
134	29.7	13.4	40.2
91	29.2	12.4	37.2



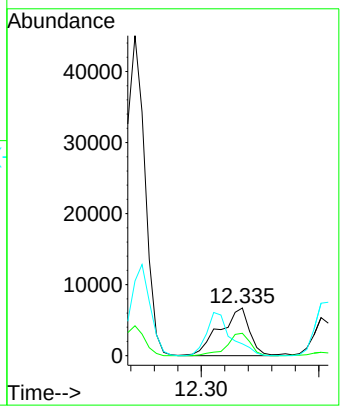


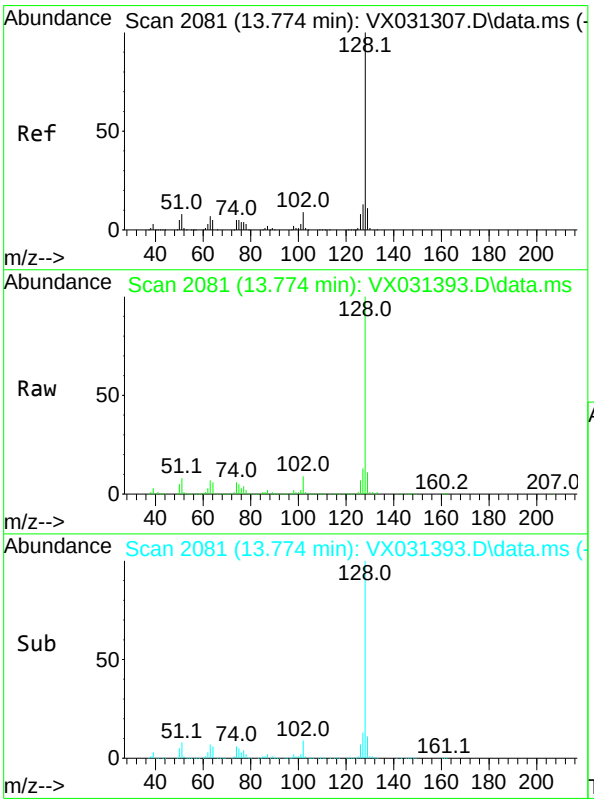
#89
n-Butylbenzene
Concen: 3.278 ug/l
RT: 12.335 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Instrument :
MSVOA_X
ClientSampleId :
MW14

Tgt Ion: 91 Resp: 11840

Ion	Ratio	Lower	Upper
91	100		
92	36.6	27.0	81.0
134	0.0	13.3	39.9#





#95
Naphthalene
Concen: 35.546 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX031393.D
Acq: 16 Sep 2022 07:45

Tgt Ion:128 Resp: 164818

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	12.5	8.8	13.2