Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031521\
Data File : VX021225.D
Acq On : 16 Mar 2021 01:54
Operator : JC/MD
Sample : M1648-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : COMP1-41727:28

Quant Time: Mar 16 04:43:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031521W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 15 11:55:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.623	168	72002	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.829	114	132818	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.094	117	131071	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	56548	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	6.029	65	63459	51.69	ug/l		0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.38%				
35) Dibromofluoromethane	5.470	113	46265	50.63	ug/l		0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.26%				
50) Toluene-d8	8.694	98	170939	52.07	ug/l		0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.14%				
62) 4-Bromofluorobenzene	11.118	95	68264	54.57	ug/l		0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.14%				
Target Compounds							Qvalue
11) Tert butyl alcohol	3.011	59	3254	15.22	ug/l		97
13) Acrolein	2.276	56	1703	12.96	ug/l	#	82
16) Acetone	2.423	43	64456	130.61	ug/l		89
18) Methyl Acetate	2.752	43	2302	1.93	ug/l	#	84
25) 2-Butanone	4.635	43	32264	45.44	ug/l	#	88
31) Cyclohexane	5.547	56	2546	1.64	ug/l	#	89
40) Benzene	6.111	78	3987	1.02	ug/l	#	89
51) 4-Methyl-2-Pentanone	8.623	43	1529	1.04	ug/l	#	84
52) Toluene	8.765	92	386922	164.90	ug/l		98
59) 2-Hexanone	9.471	43	1380	1.25	ug/l		75
67) Ethyl Benzene	10.235	91	3654	0.73	ug/l		100
68) m/p-Xylenes	10.341	106	7722	4.28	ug/l		96
69) o-Xylene	10.683	106	3232	1.84	ug/l		94
78) n-propylbenzene	11.341	91	3196	0.63	ug/l		93
80) 1,3,5-Trimethylbenzene	11.489	105	3413	0.93	ug/l		99
84) 1,2,4-Trimethylbenzene	11.789	105	14194	3.83	ug/l		94
95) Naphthalene	13.818	128	11632	4.17	ug/l		98

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

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COMP1-41727:28

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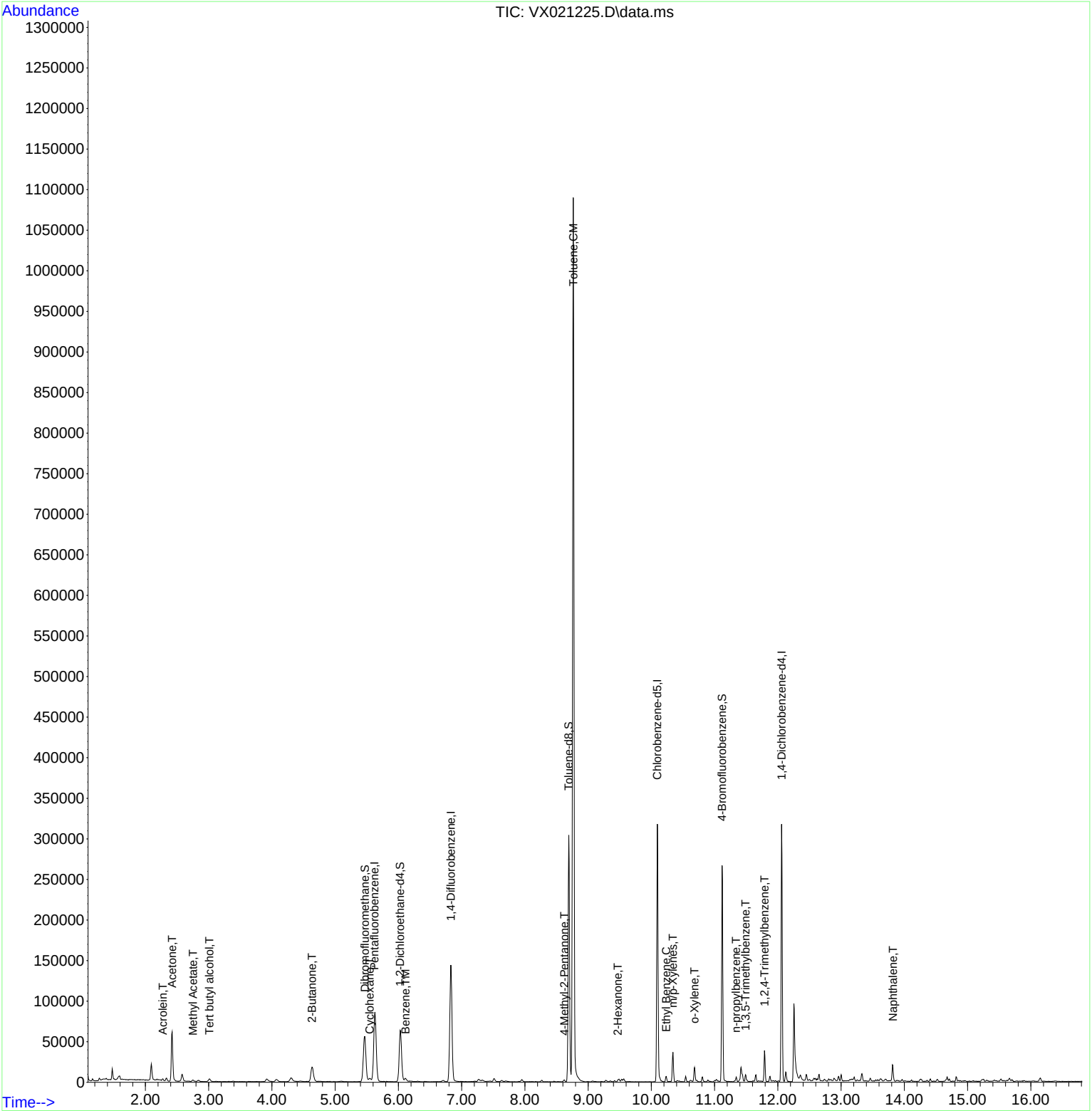
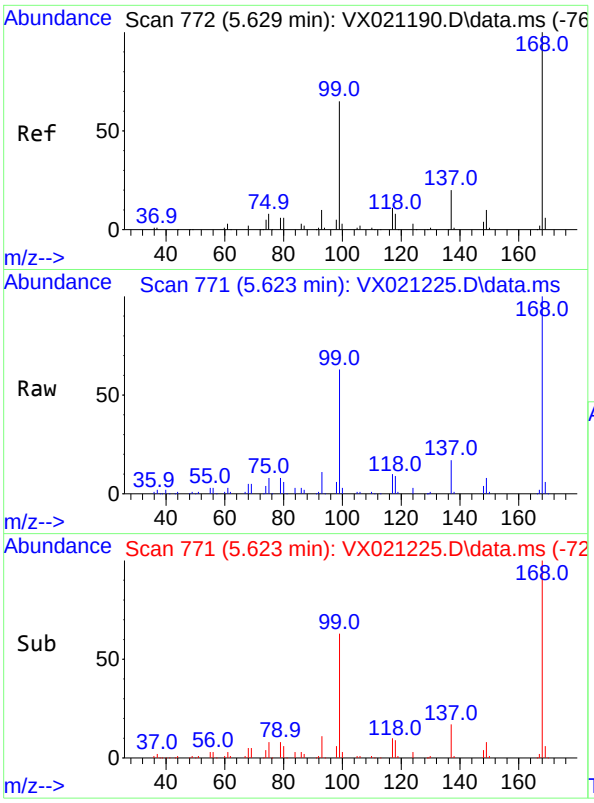
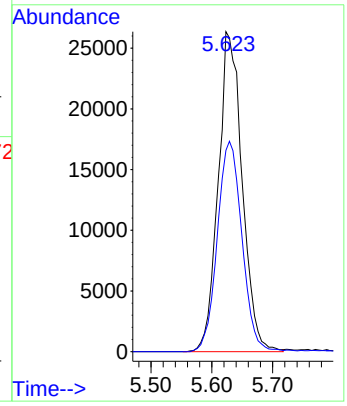




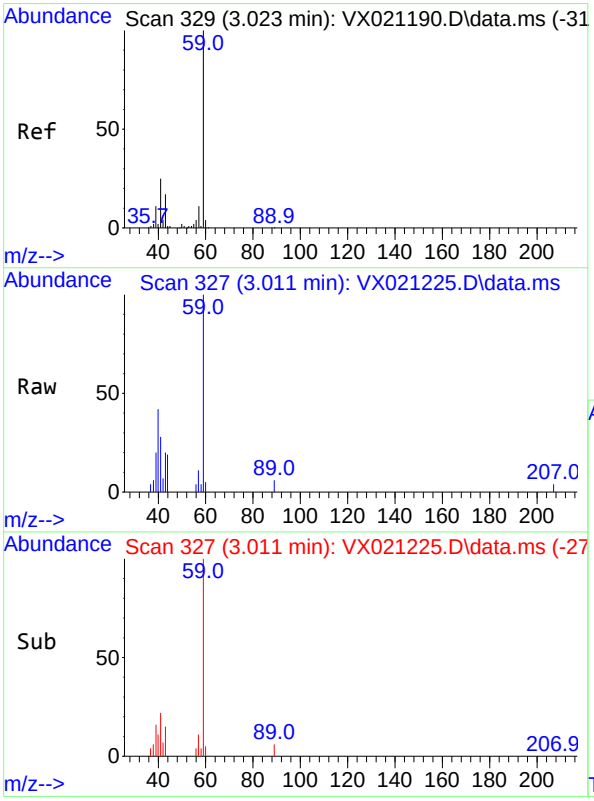
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:168 Resp: 72002

Ion	Ratio	Lower	Upper
168	100		
99	62.9	45.8	68.6



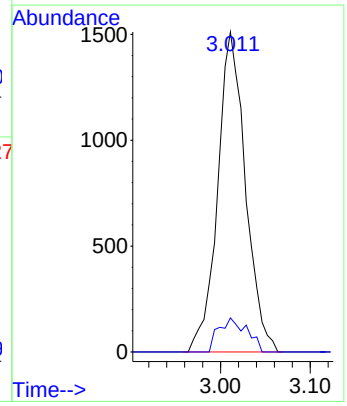
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

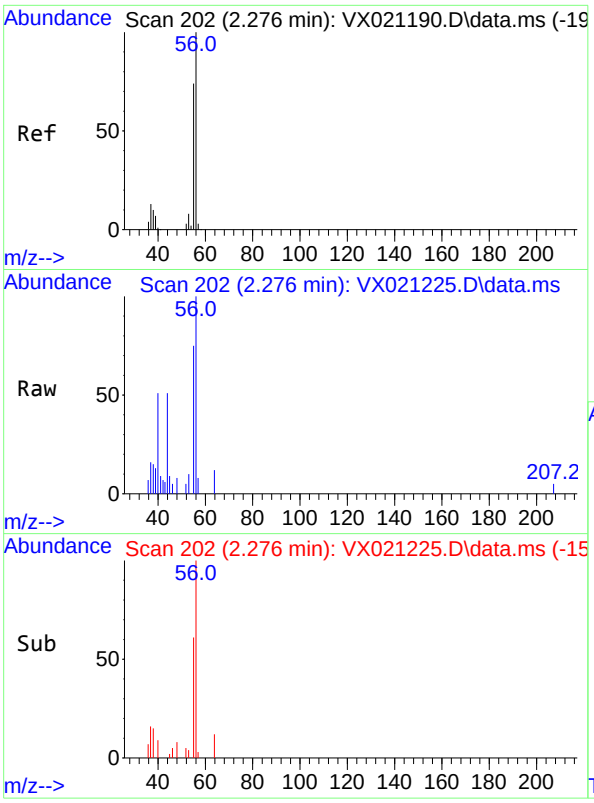


#11
Tert butyl alcohol
Concen: 15.22 ug/l
RT: 3.011 min Scan# 327
Delta R.T. -0.006 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 59 Resp: 3254

Ion	Ratio	Lower	Upper
59	100		
57	10.8	7.8	11.8

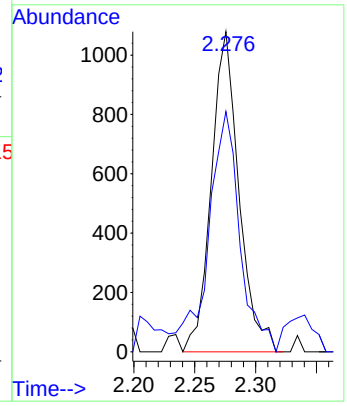




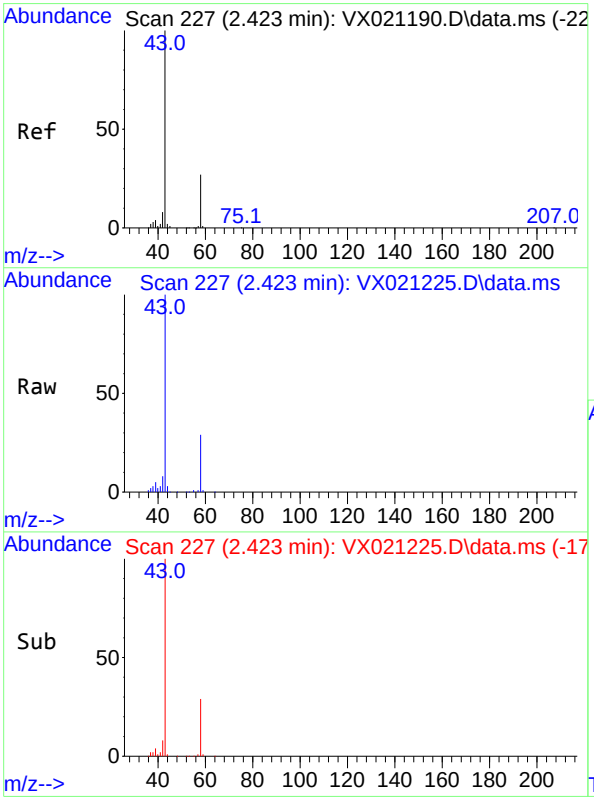
#13
Acrolein
Concen: 12.96 ug/l
RT: 2.276 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 56 Resp: 1703

Ion	Ratio	Lower	Upper
56	100		
55	85.1	56.4	84.6#



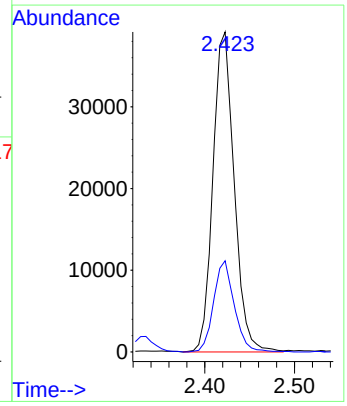
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28



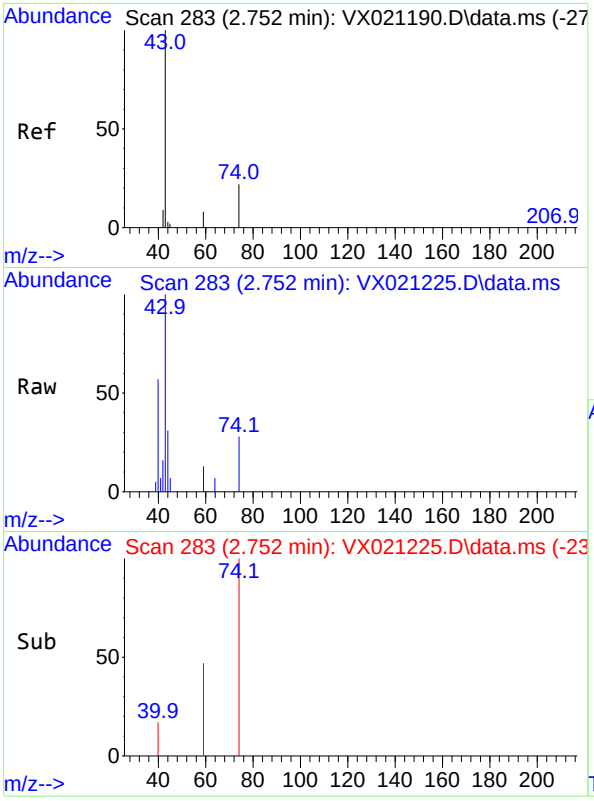
#16
Acetone
Concen: 130.61 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 43 Resp: 64456

Ion	Ratio	Lower	Upper
43	100		
58	28.5	27.8	41.8



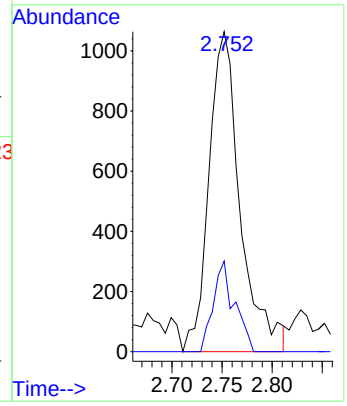
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

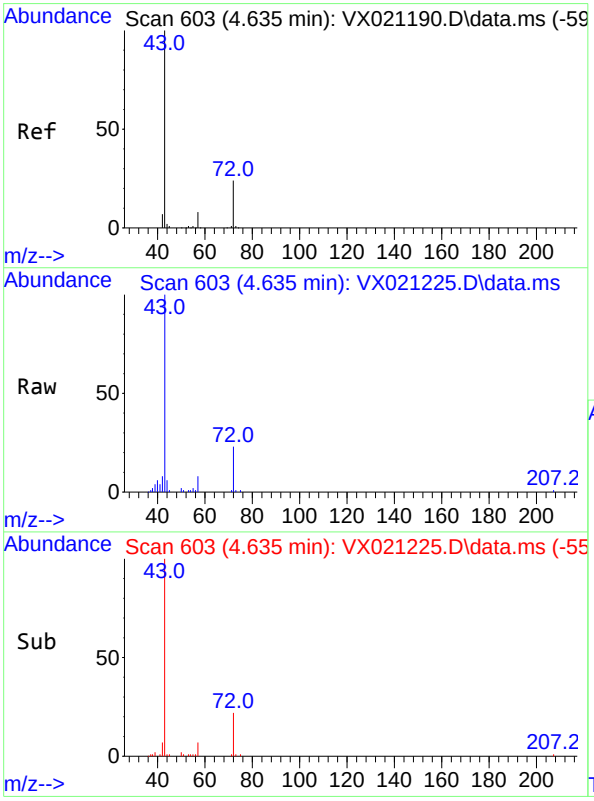


#18
Methyl Acetate
Concen: 1.93 ug/l
RT: 2.752 min Scan# 283
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 43 Resp: 2302

Ion	Ratio	Lower	Upper
43	100		
74	19.2	21.9	32.9#

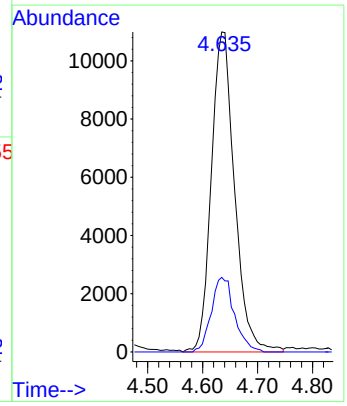




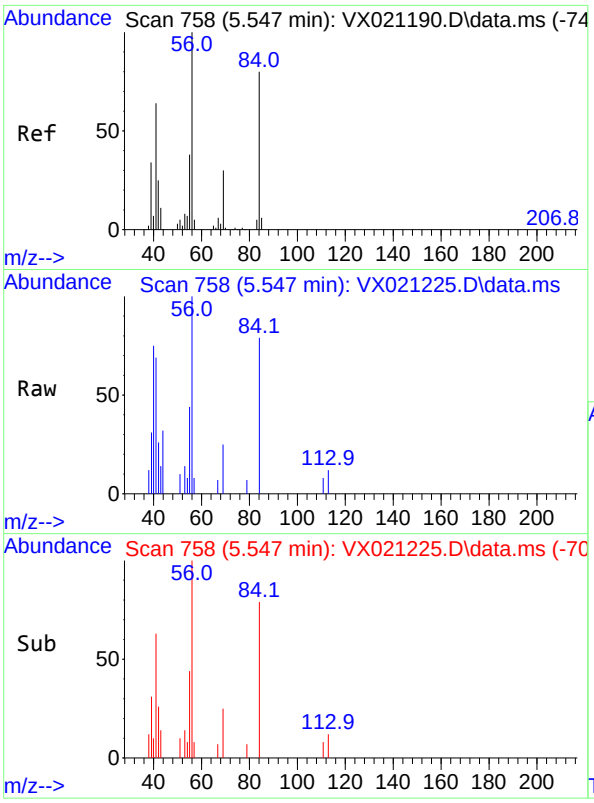
#25
2-Butanone
Concen: 45.44 ug/l
RT: 4.635 min Scan# 603
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 43 Resp: 32264

Ion	Ratio	Lower	Upper
43	100		
72	23.3	23.7	35.5#



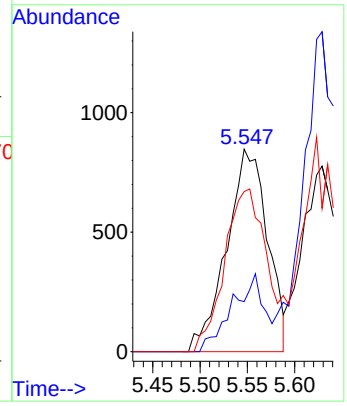
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

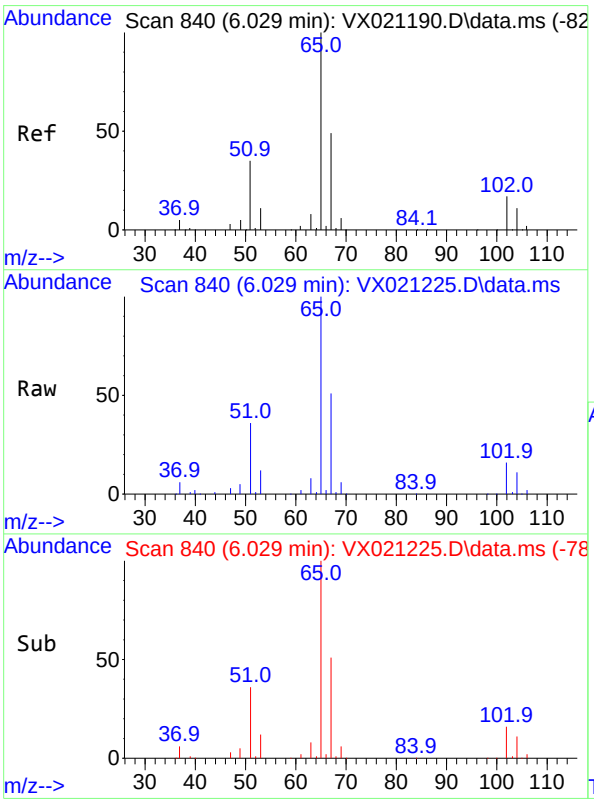


#31
Cyclohexane
Concen: 1.64 ug/l
RT: 5.547 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 56 Resp: 2546

Ion	Ratio	Lower	Upper
56	100		
69	24.8	25.3	37.9#
84	79.0	71.4	107.0

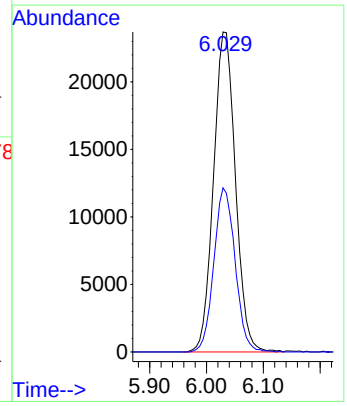


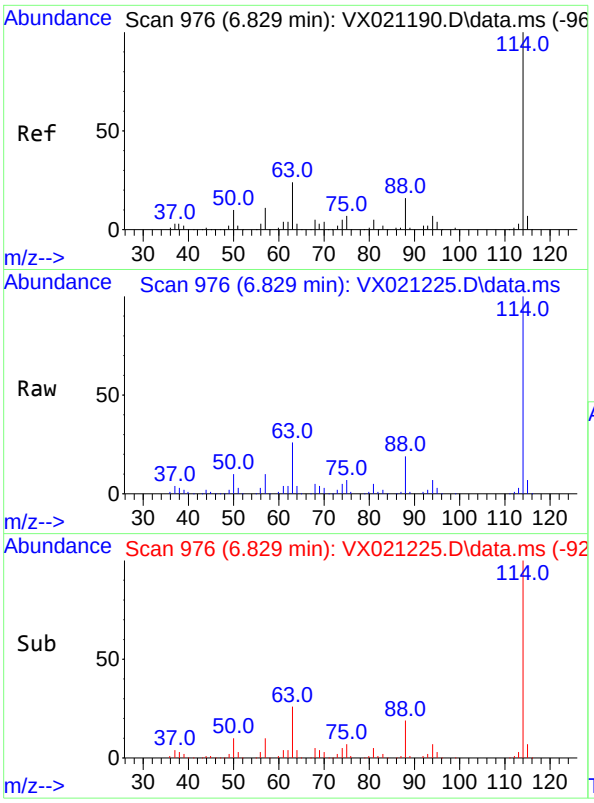


#33
1,2-Dichloroethane-d4
Concen: 51.69 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 65 Resp: 63459

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	105.4

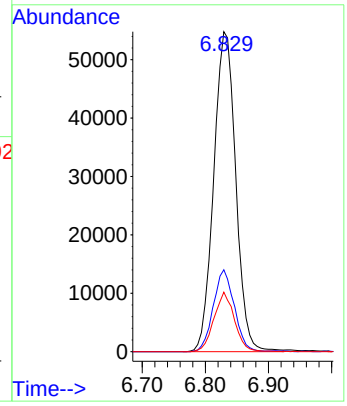




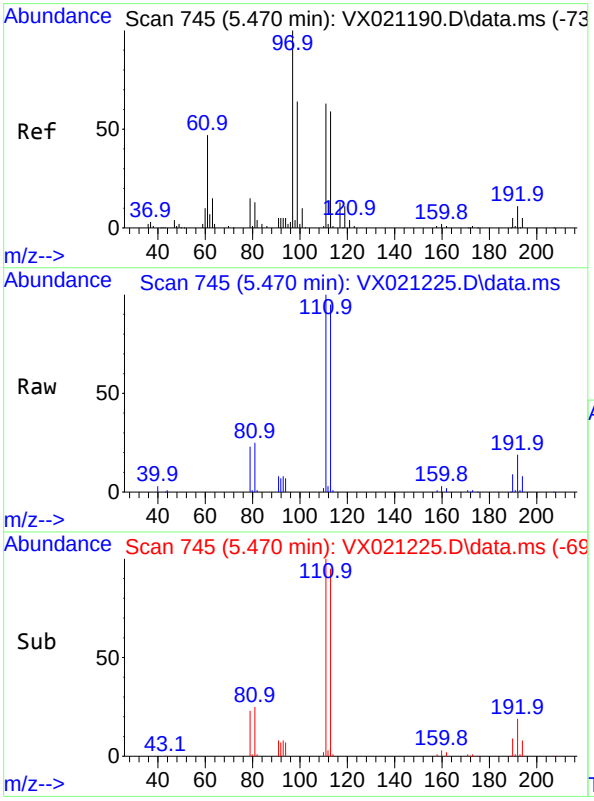
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:114 Resp: 132818

Ion	Ratio	Lower	Upper
114	100		
63	25.6	0.0	40.8
88	18.6	0.0	32.8



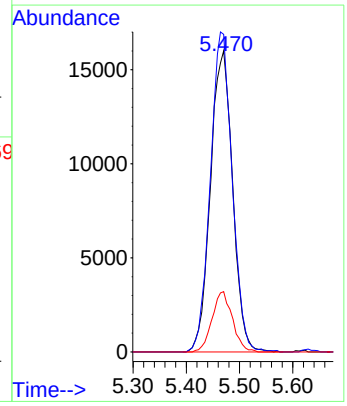
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

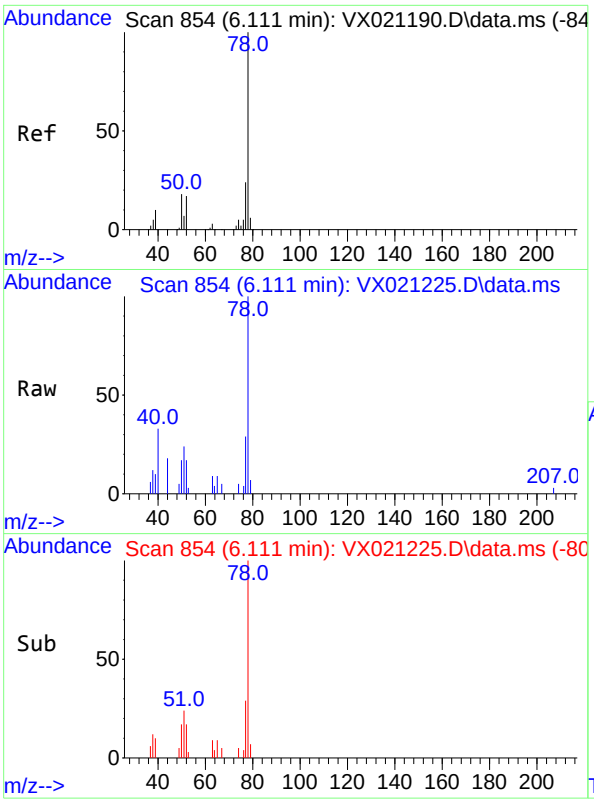


#35
Dibromofluoromethane
Concen: 50.63 ug/l
RT: 5.470 min Scan# 745
Delta R.T. 0.006 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:113 Resp: 46265

Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.9	122.9
192	18.4	16.7	25.1

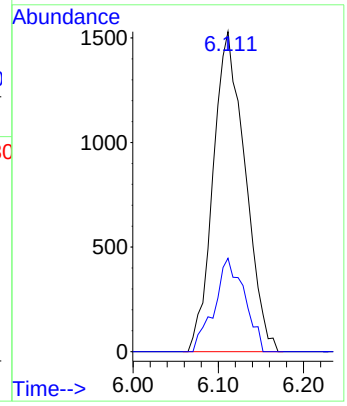




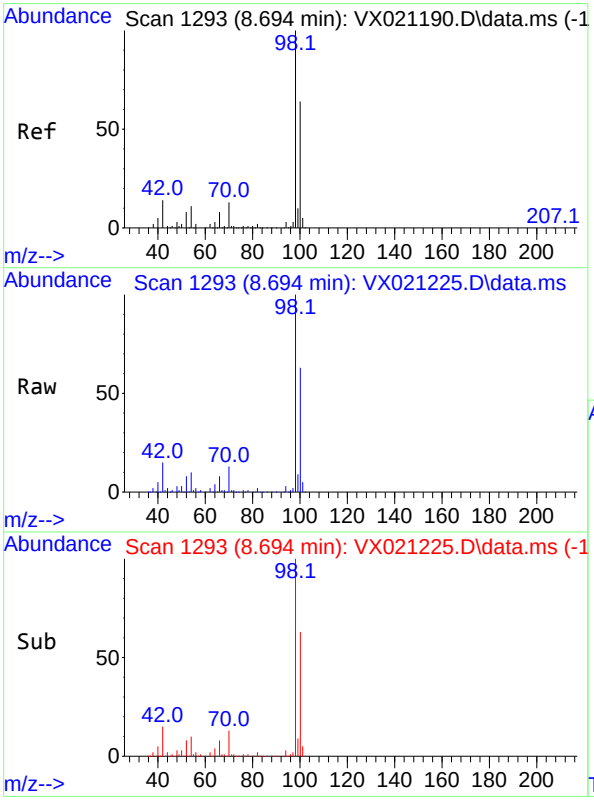
#40
Benzene
Concen: 1.02 ug/l
RT: 6.111 min Scan# 854
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 78 Resp: 3987

Ion	Ratio	Lower	Upper
78	100		
77	29.2	18.9	28.3#



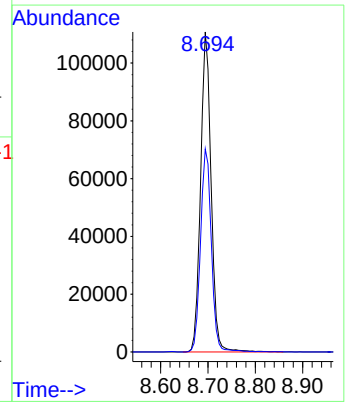
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

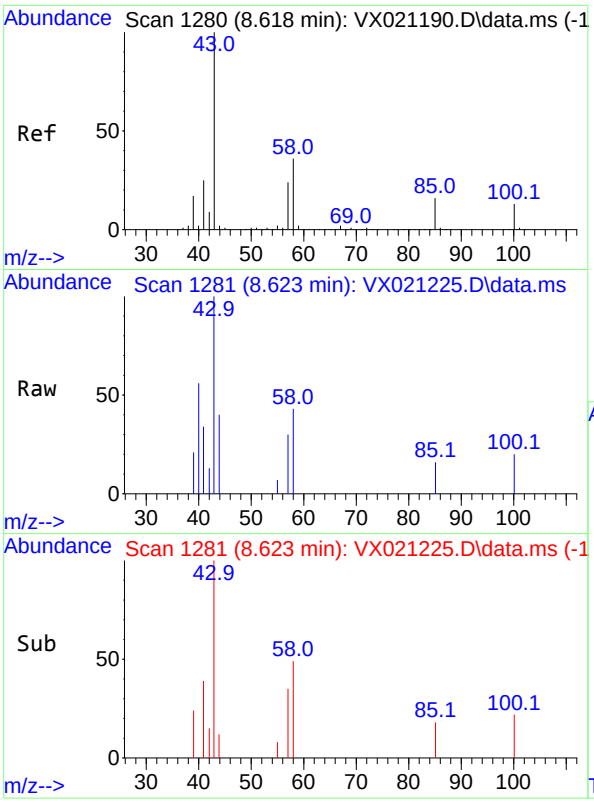


#50
Toluene-d8
Concen: 52.07 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 98 Resp: 170939

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.9	77.9

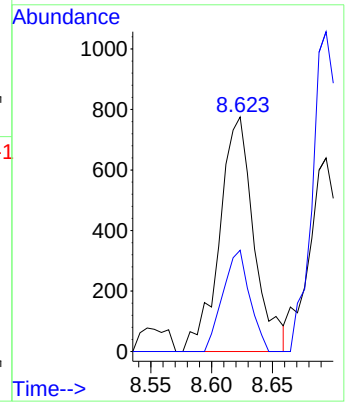




#51
4-Methyl-2-Pentanone
Concen: 1.04 ug/l
RT: 8.623 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 43 Resp: 1529

Ion	Ratio	Lower	Upper
43	100		
58	33.7	35.4	53.0#



Instrument :
MSVOA_X
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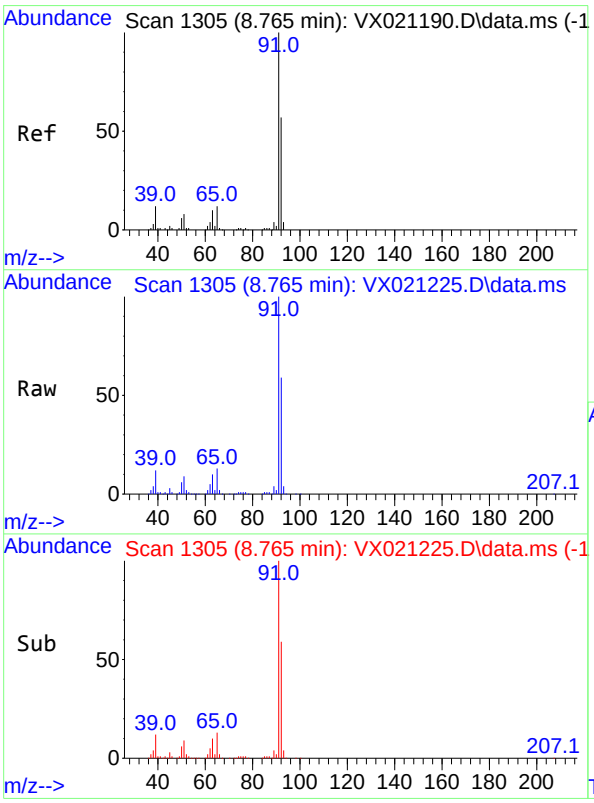
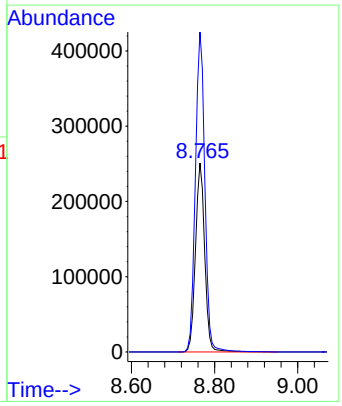
COMP1-41727:28



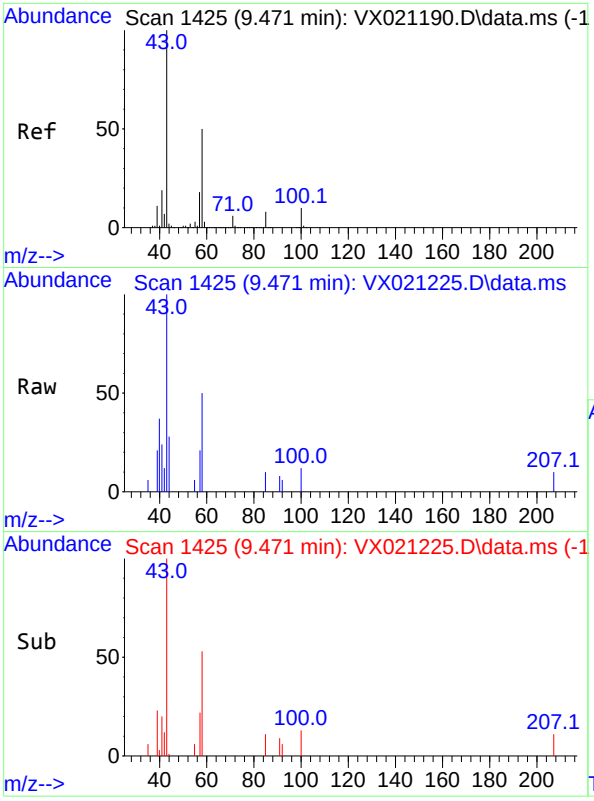
#52
Toluene
Concen: 164.90 ug/l
RT: 8.765 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 92 Resp: 386922

Ion	Ratio	Lower	Upper
92	100		
91	173.9	137.1	205.7



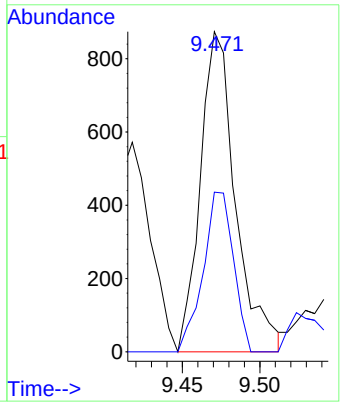
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

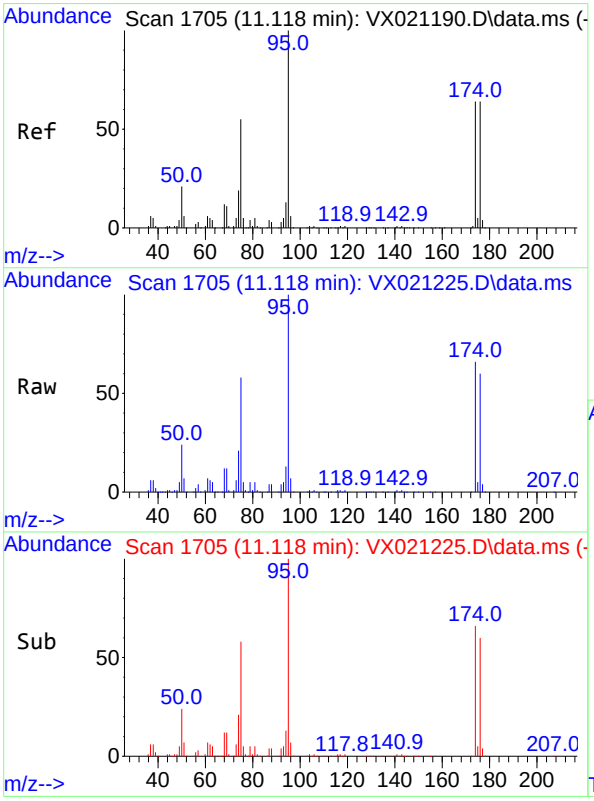


#59
2-Hexanone
Concen: 1.25 ug/l
RT: 9.471 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 43 Resp: 1380

Ion	Ratio	Lower	Upper
43	100		
58	42.8	30.9	92.8

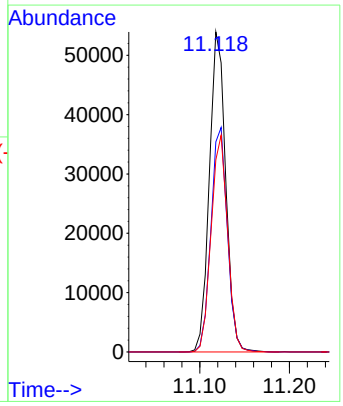


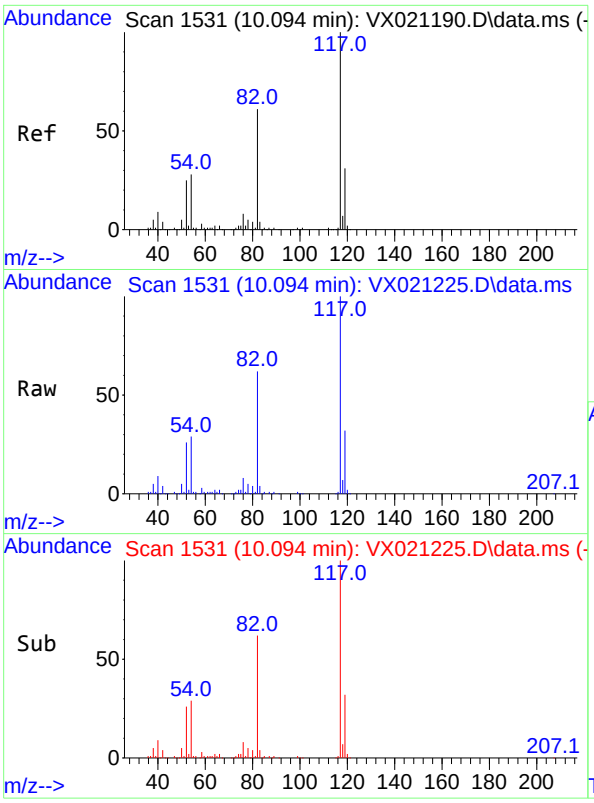


#62
4-Bromofluorobenzene
Concen: 54.57 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 95 Resp: 68264

Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	154.6
176	68.2	0.0	155.8

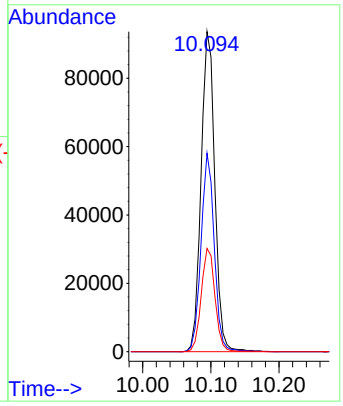




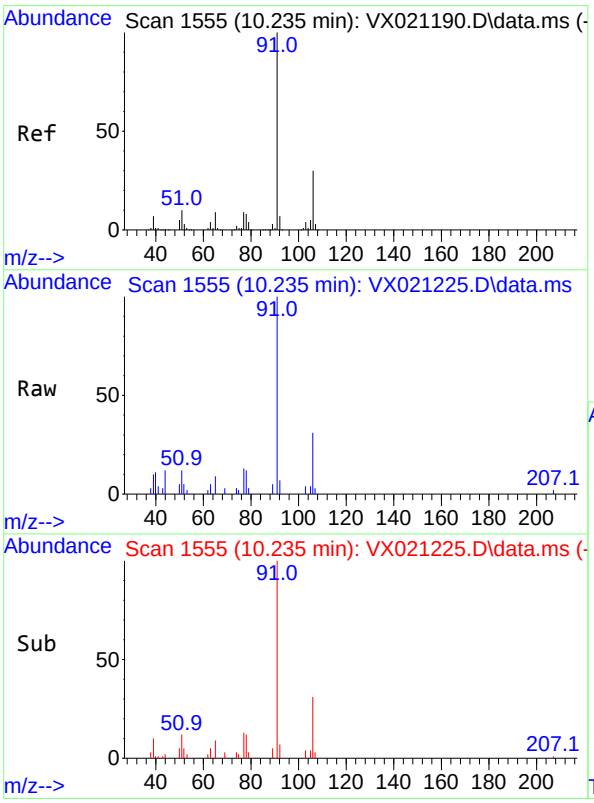
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:117 Resp: 131071

Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	32.3	26.6	39.8



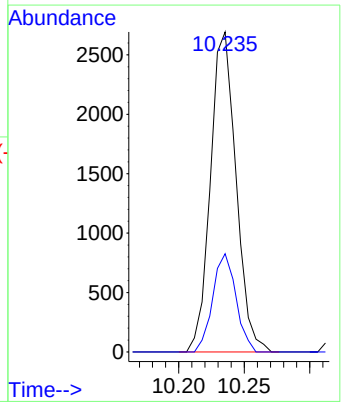
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28



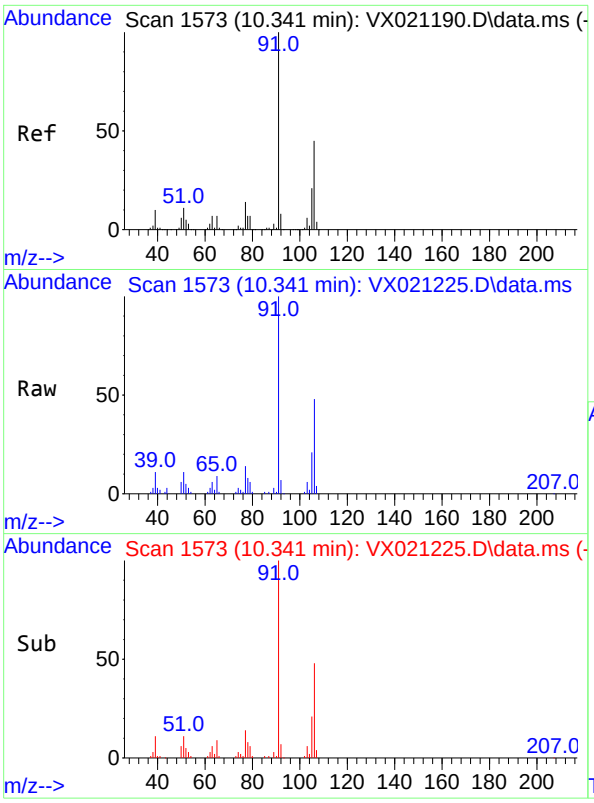
#67
Ethyl Benzene
Concen: 0.73 ug/l
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 91 Resp: 3654

Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.6	37.0



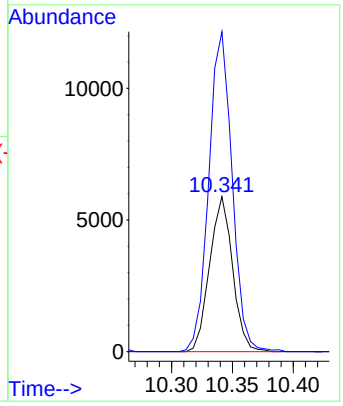
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

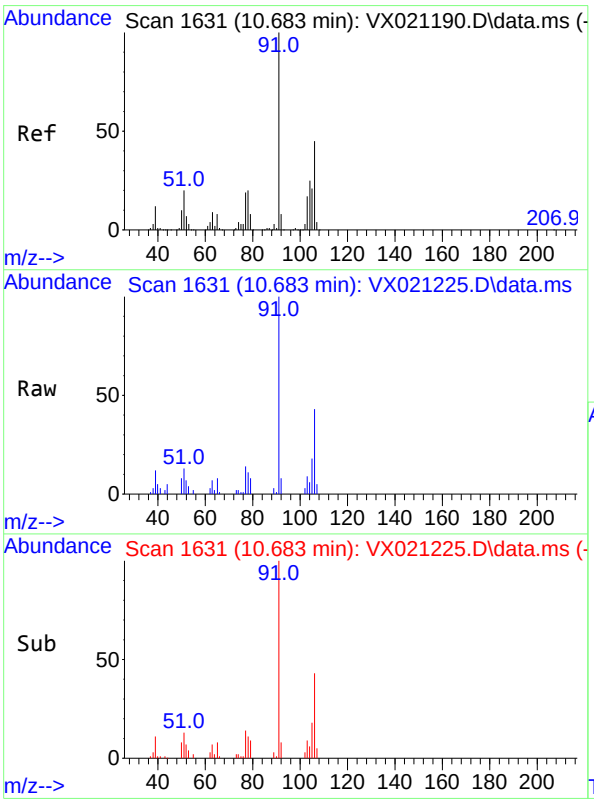


#68
m/p-Xylenes
Concen: 4.28 ug/l
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:106 Resp: 7722

Ion	Ratio	Lower	Upper
106	100		
91	209.7	162.8	244.2

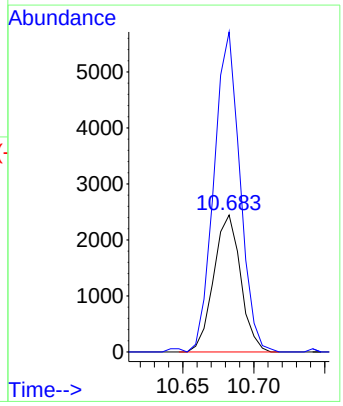




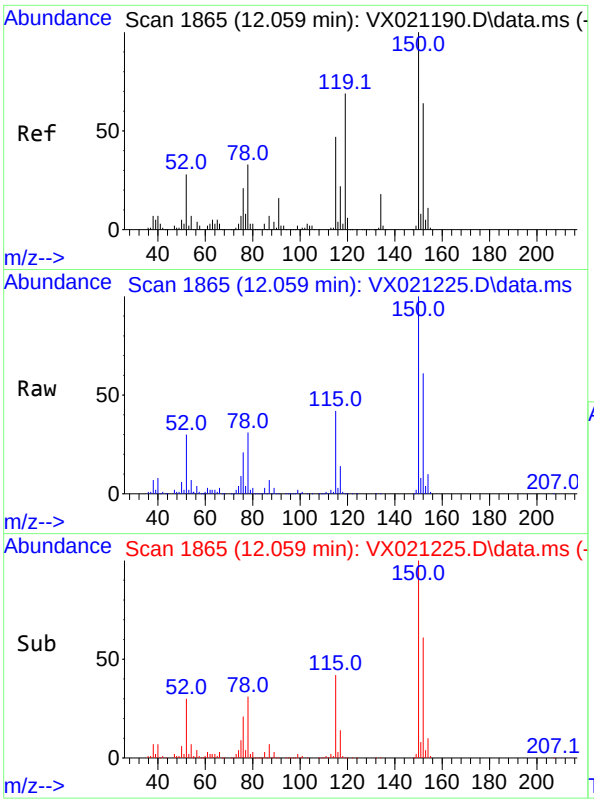
#69
o-Xylene
Concen: 1.84 ug/l
RT: 10.683 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:106 Resp: 3232

Ion	Ratio	Lower	Upper
106	100		
91	226.0	108.1	324.2



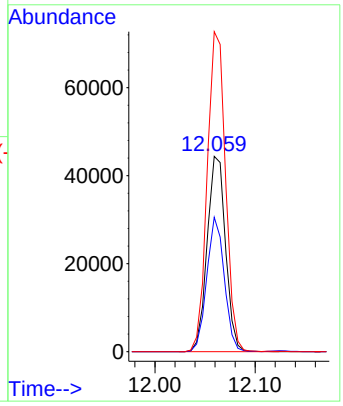
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

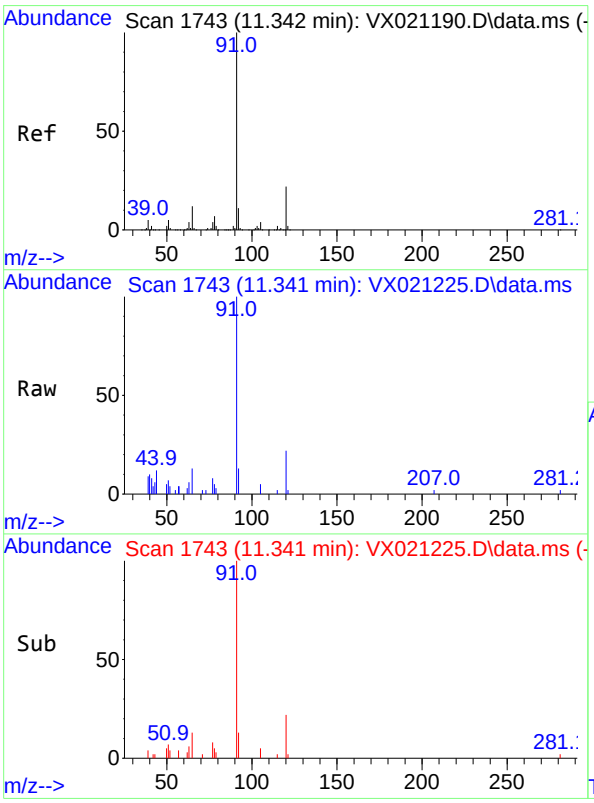


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:152 Resp: 56548

Ion	Ratio	Lower	Upper
152	100		
115	65.6	41.1	123.3
150	162.7	0.0	349.0

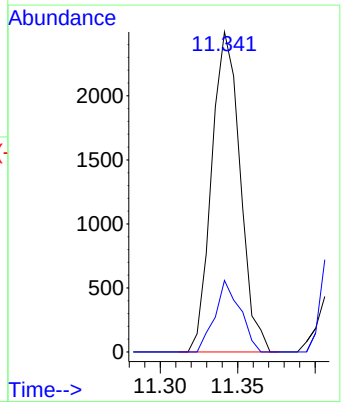




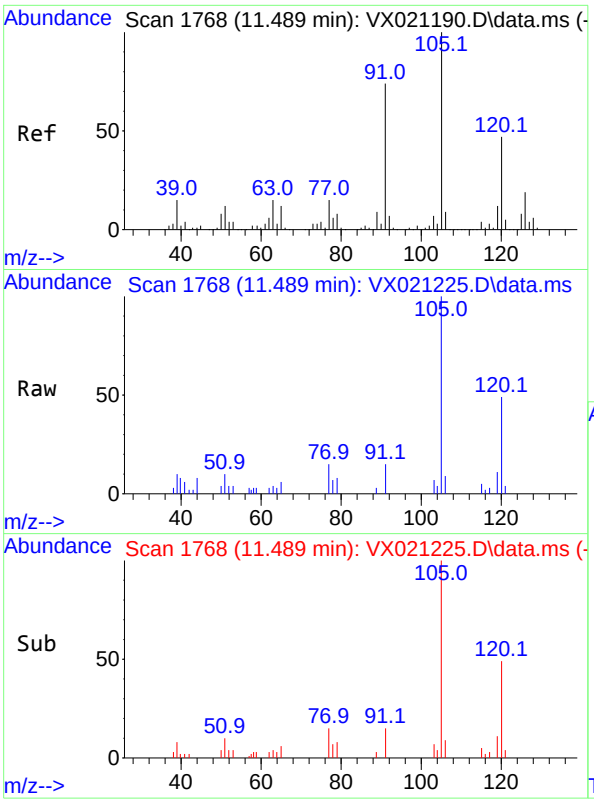
#78
n-propylbenzene
Concen: 0.63 ug/l
RT: 11.341 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion: 91 Resp: 3196

Ion	Ratio	Lower	Upper
91	100		
120	19.8	11.5	34.5



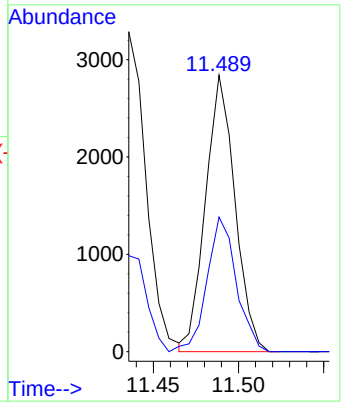
Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28

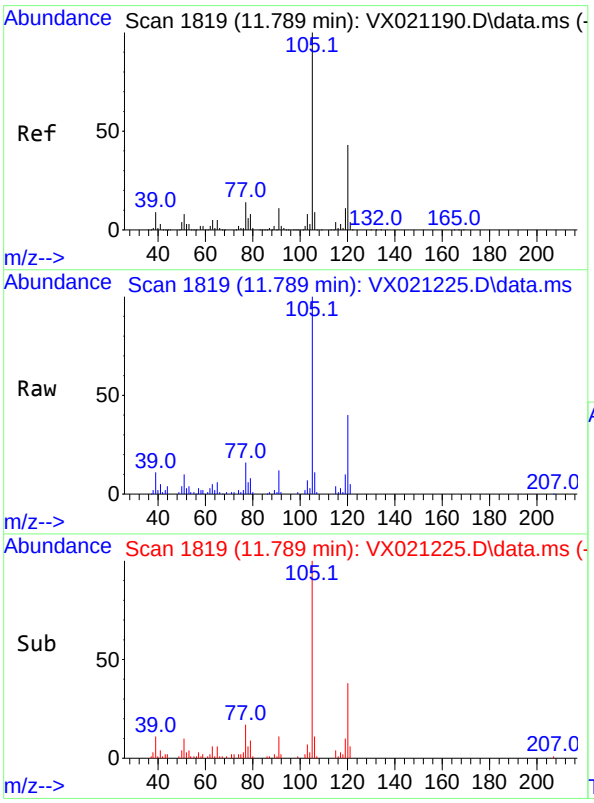


#80
1,3,5-Trimethylbenzene
Concen: 0.93 ug/l
RT: 11.489 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:105 Resp: 3413

Ion	Ratio	Lower	Upper
105	100		
120	48.5	23.8	71.5

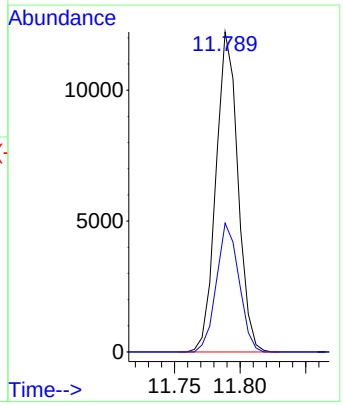


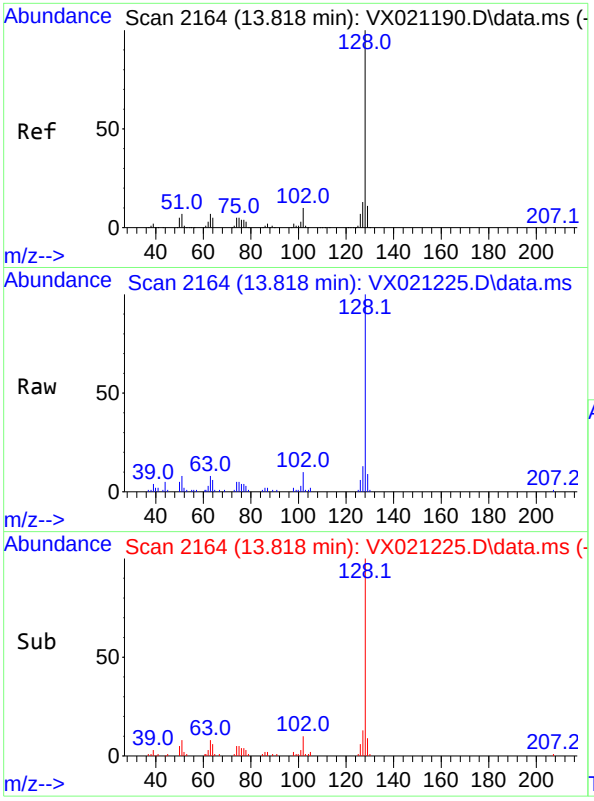


#84
1,2,4-Trimethylbenzene
Concen: 3.83 ug/l
RT: 11.789 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:105 Resp: 14194

Ion	Ratio	Lower	Upper
105	100		
120	41.3	22.4	67.3

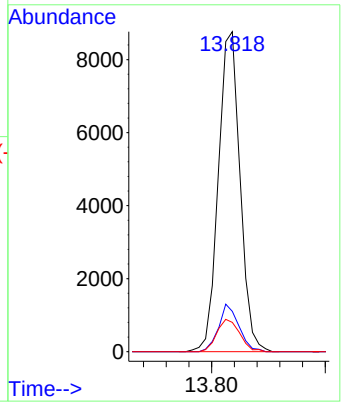




#95
Naphthalene
Concen: 4.17 ug/l
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021225.D
Acq: 16 Mar 2021 01:54

Tgt Ion:128 Resp: 11632

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.3	15.5
129	10.7	8.8	13.2



Instrument :
MSVOA_X
ClientSampleId :
COMP1-41727:28