Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
Data File : VN066241.D
Acq On : 17 Mar 2021 17:54
Operator : JC/MD
Sample : M1687-38
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : AUD-1049-1051

Quant Time: Mar 18 04:46:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.584	168	339631	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.515	114	506438	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.347	117	428698	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	194152	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	7.949	65	216981	44.34	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 88.68%				
35) Dibromofluoromethane	7.509	113	171981	53.23	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.46%				
50) Toluene-d8	10.028	98	631099	50.52	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.04%				
62) 4-Bromofluorobenzene	12.345	95	202415	44.95	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.90%				
Target Compounds							Qvalue
11) Tert butyl alcohol	4.715	59	15815	18.93	ug/l		96
16) Acetone	3.741	43	49663	21.13	ug/l		97
18) Methyl Acetate	4.237	43	662471	100.71	ug/l		100
37) Ethyl Acetate	6.842	43	2983654	407.06	ug/l	#	91
40) Benzene	7.960	78	85011	5.52	ug/l		100
52) Toluene	10.092	92	46775	5.24	ug/l		100
68) m/p-Xylenes	11.562	106	21839	3.86	ug/l		92
69) o-Xylene	11.889	106	8631	1.59	ug/l		96
70) Styrene	11.905	104	10411	3.14	ug/l		98
95) Naphthalene	15.070	128	75041	6.59	ug/l		97

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

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Instrument :
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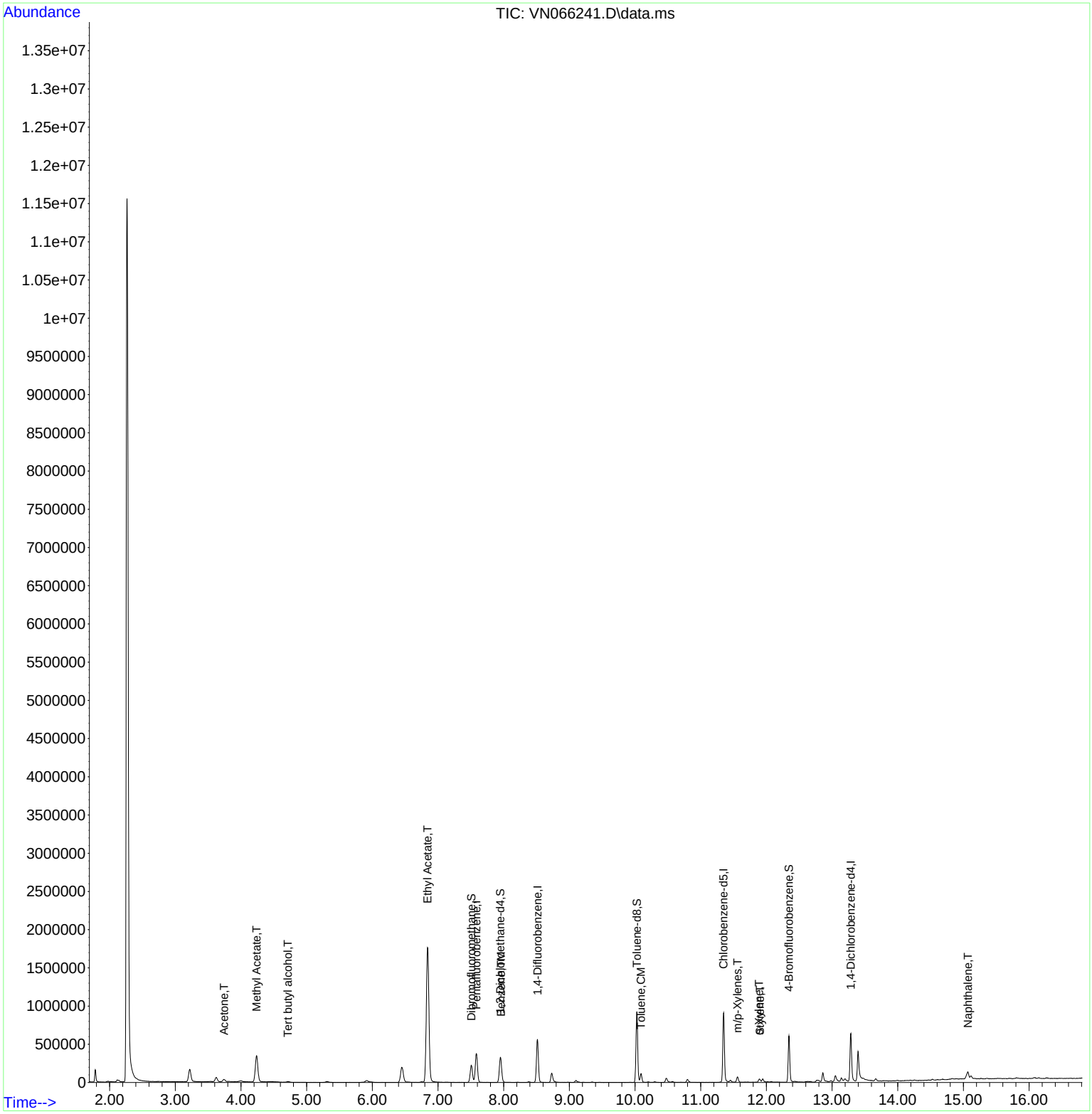
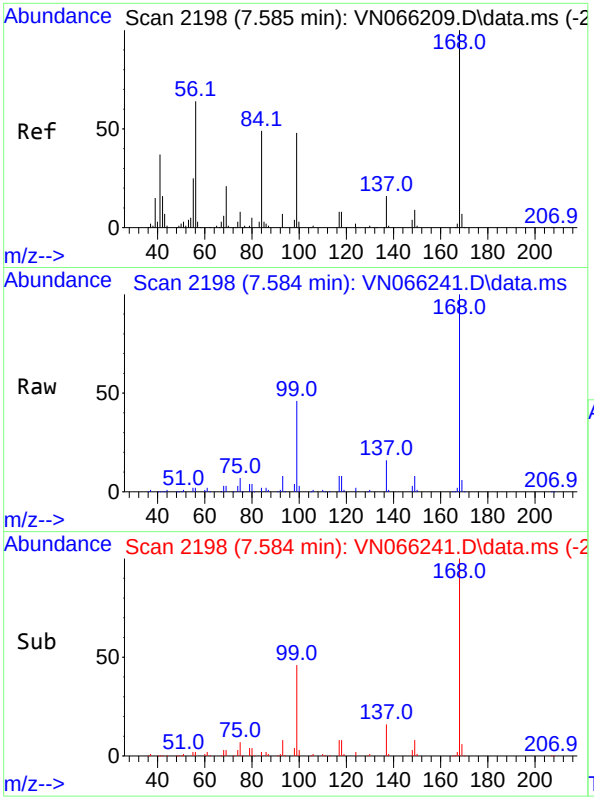
ClientSampleId :
AUD-1049-1051

Quant Time: Mar 18 04:46:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration



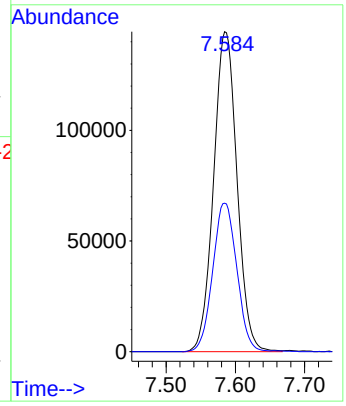
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

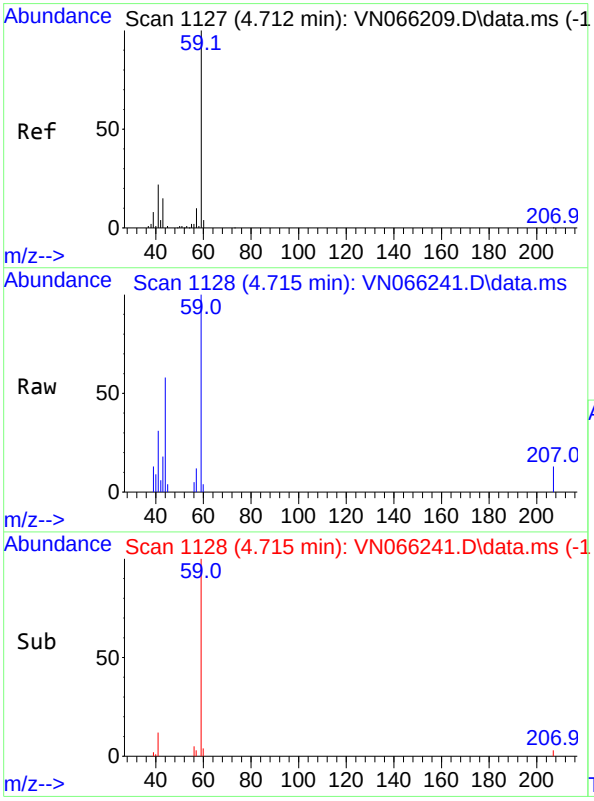


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:168 Resp: 339631

Ion	Ratio	Lower	Upper
168	100		
99	46.4	45.4	68.0

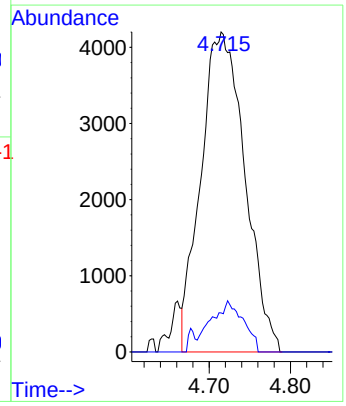




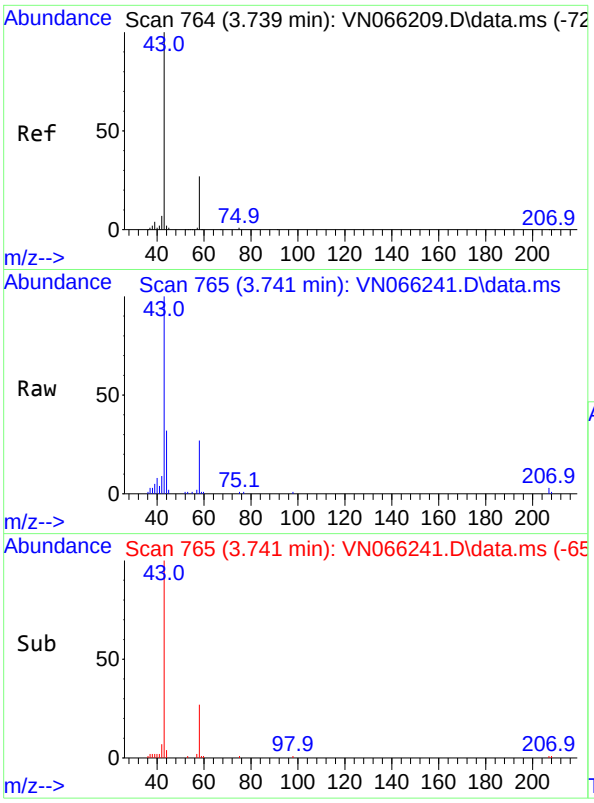
#11
Tert butyl alcohol
Concen: 18.93 ug/l
RT: 4.715 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 59 Resp: 15815

Ion	Ratio	Lower	Upper
59	100		
57	11.6	8.0	12.0



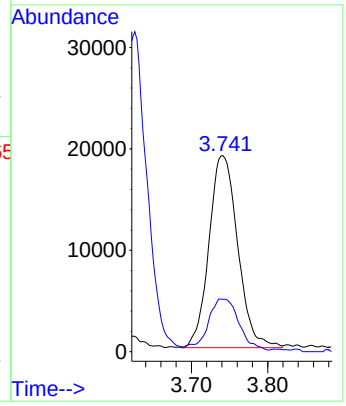
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

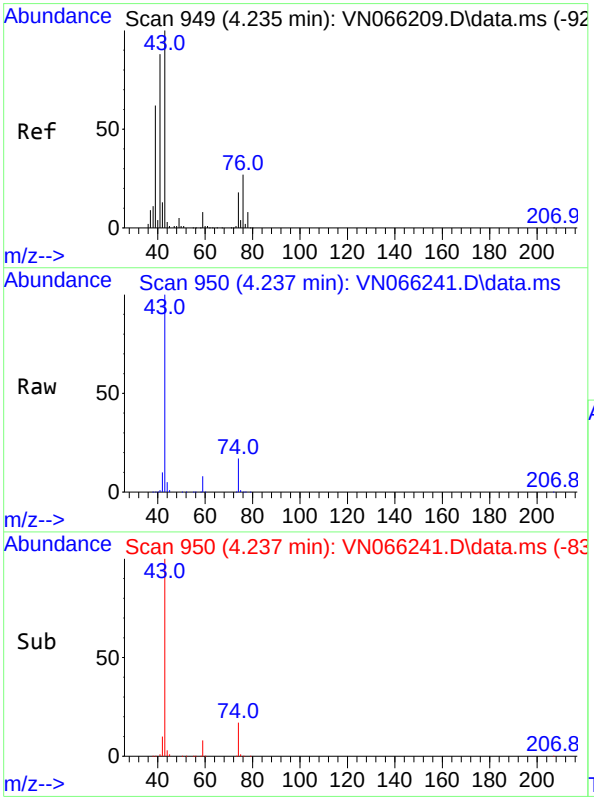


#16
Acetone
Concen: 21.13 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 43 Resp: 49663

Ion	Ratio	Lower	Upper
43	100		
58	26.1	22.3	33.5

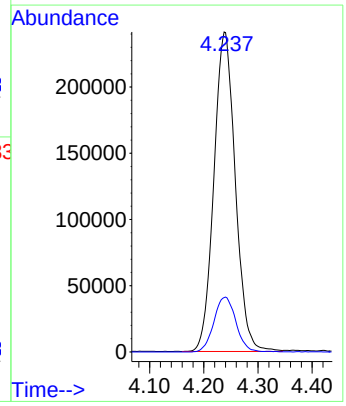




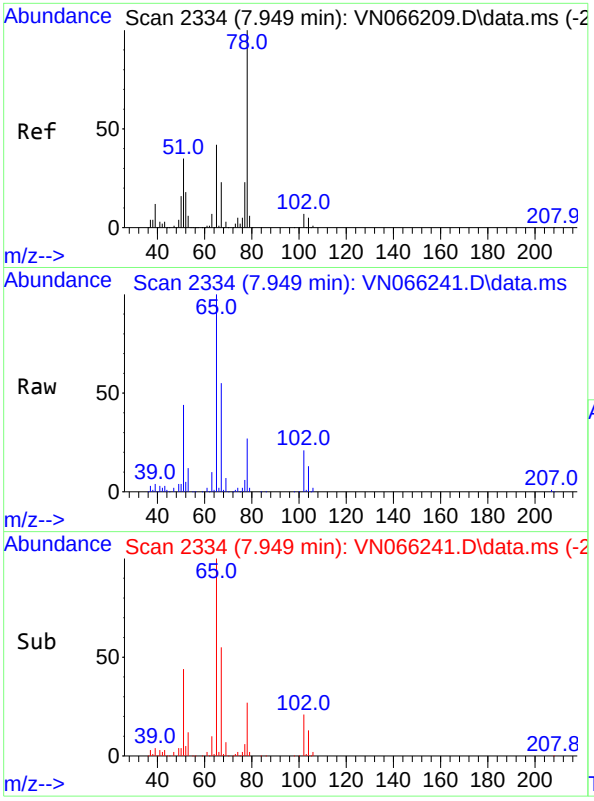
#18
Methyl Acetate
Concen: 100.71 ug/l
RT: 4.237 min Scan# 950
Delta R.T. 0.002 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 43 Resp: 662471

Ion	Ratio	Lower	Upper
43	100		
74	17.6	14.2	21.2



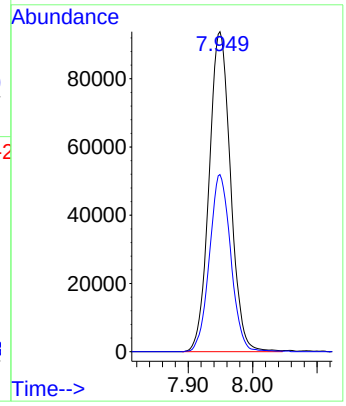
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

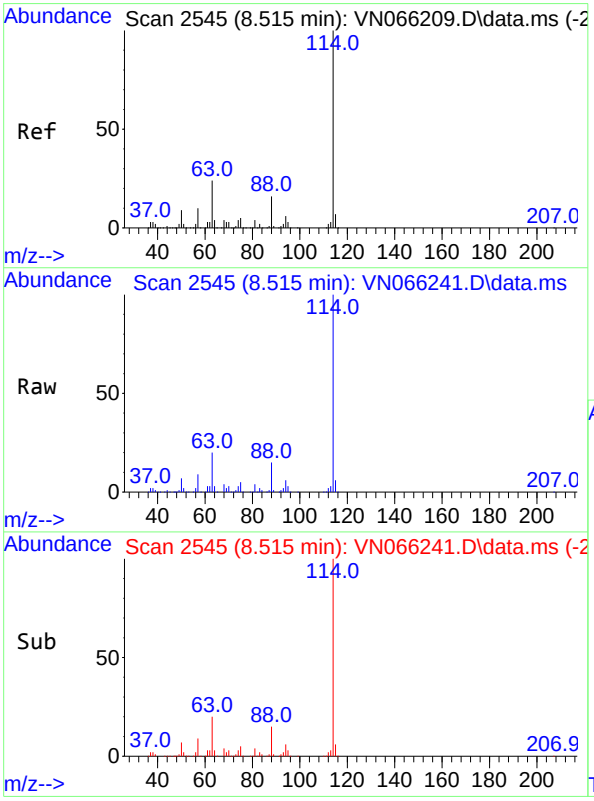


#33
1,2-Dichloroethane-d4
Concen: 44.34 ug/l
RT: 7.949 min Scan# 2334
Delta R.T. 0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 65 Resp: 216981

Ion	Ratio	Lower	Upper
65	100		
67	55.0	0.0	107.2

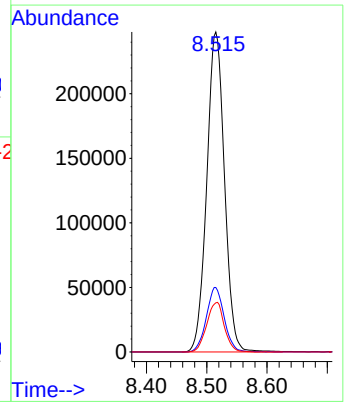




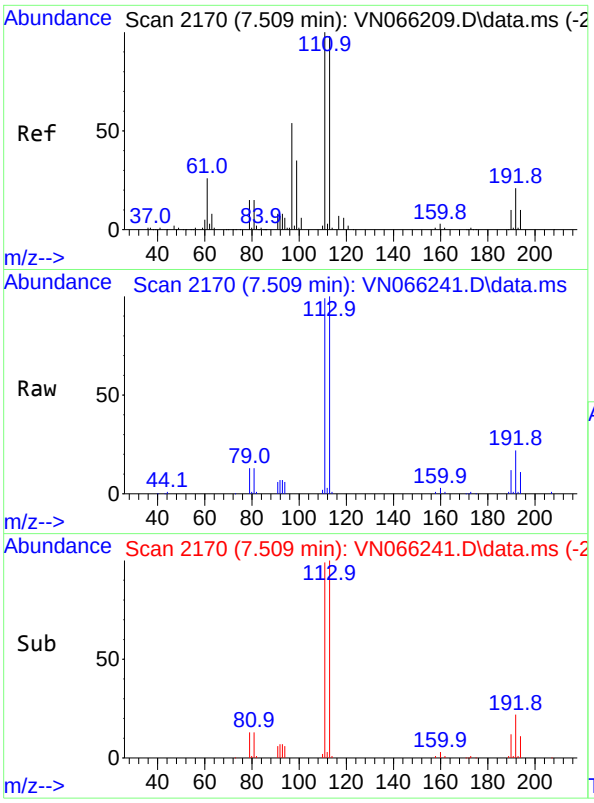
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:114 Resp: 506438

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	49.2
88	15.3	0.0	33.8



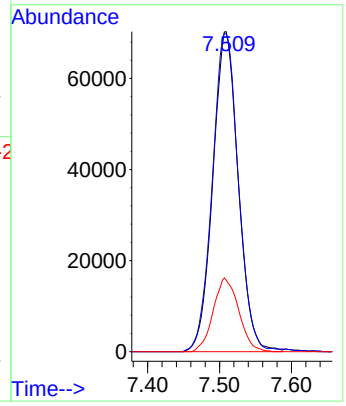
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

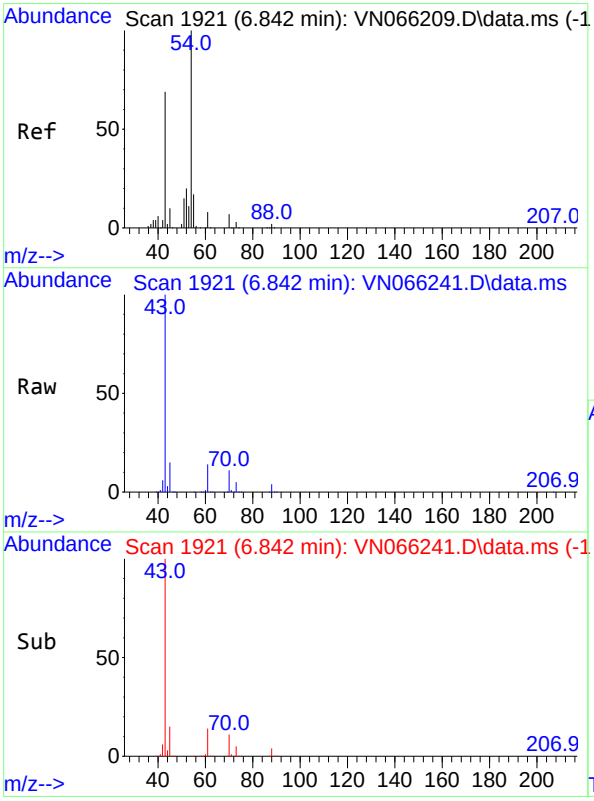


#35
Dibromofluoromethane
Concen: 53.23 ug/l
RT: 7.509 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:113 Resp: 171981

Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.0	126.0
192	23.1	16.7	25.1

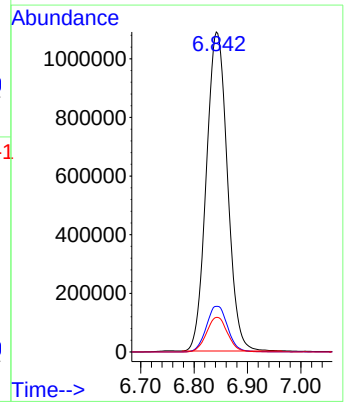




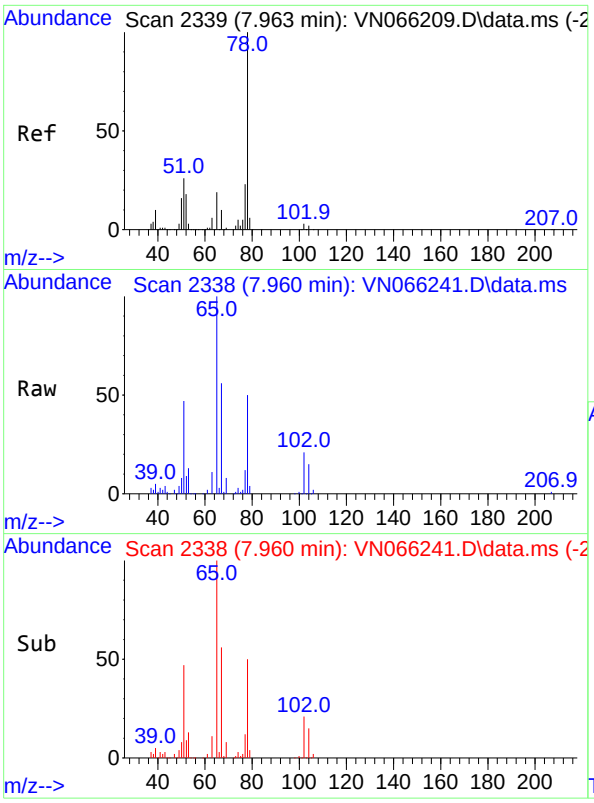
#37
Ethyl Acetate
Concen: 407.06 ug/l
RT: 6.842 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 43 Resp: 2983654

Ion	Ratio	Lower	Upper
43	100		
61	14.6	9.2	13.8#
70	10.9	6.1	9.1#



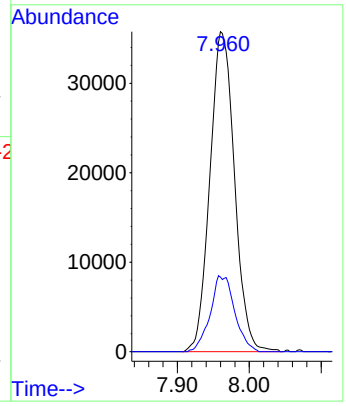
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

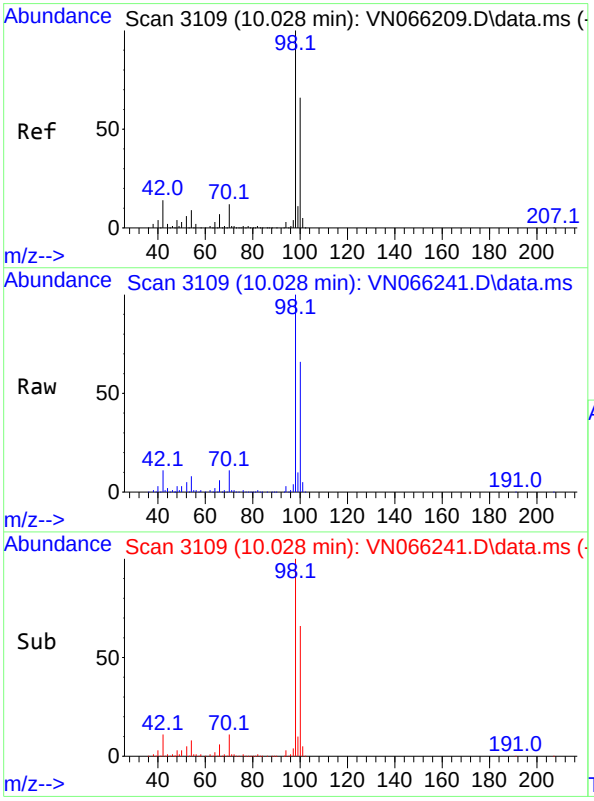


#40
Benzene
Concen: 5.52 ug/l
RT: 7.960 min Scan# 2338
Delta R.T. -0.003 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 78 Resp: 85011

Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.5	27.7

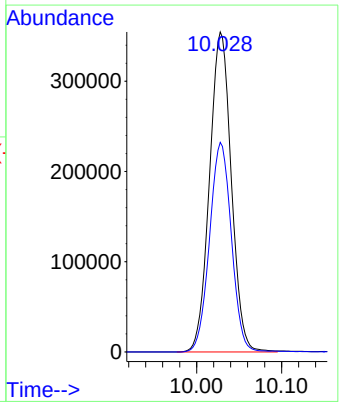




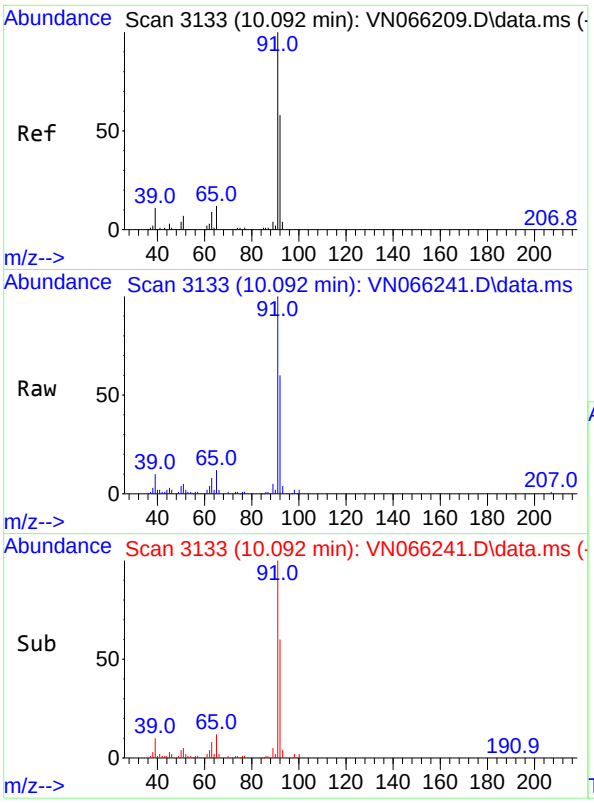
#50
Toluene-d8
Concen: 50.52 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 98 Resp: 631099

Ion	Ratio	Lower	Upper
98	100		
100	65.6	51.0	76.6



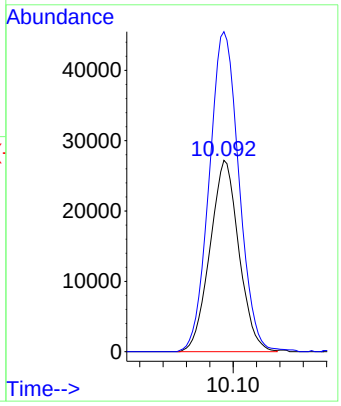
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

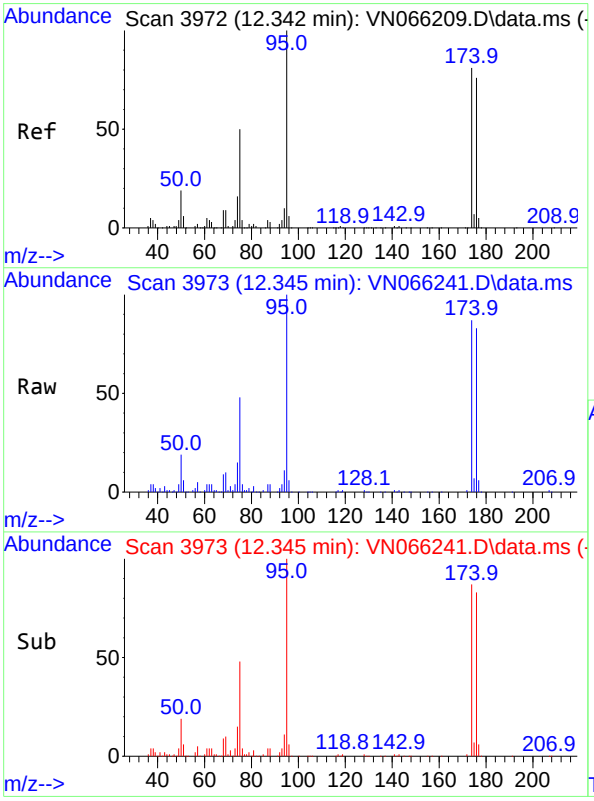


#52
Toluene
Concen: 5.24 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 92 Resp: 46775

Ion	Ratio	Lower	Upper
92	100		
91	172.2	137.5	206.3

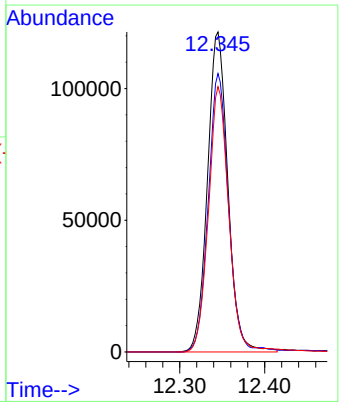




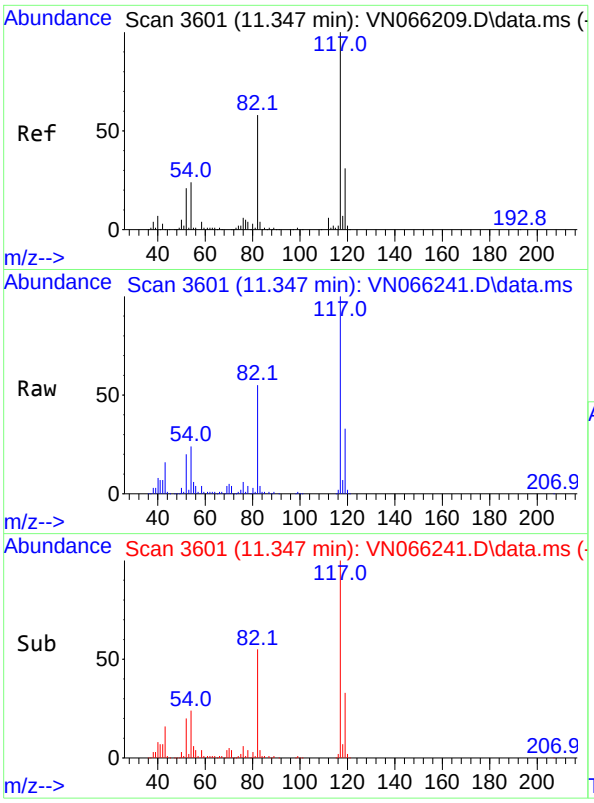
#62
4-Bromofluorobenzene
Concen: 44.95 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion: 95 Resp: 202415

Ion	Ratio	Lower	Upper
95	100		
174	85.9	0.0	162.4
176	81.9	0.0	156.2



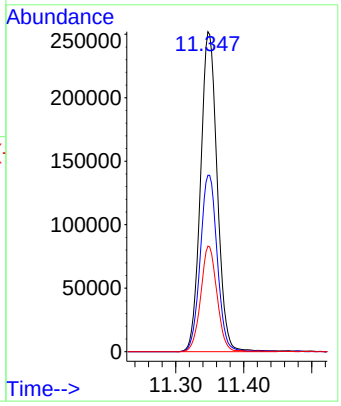
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

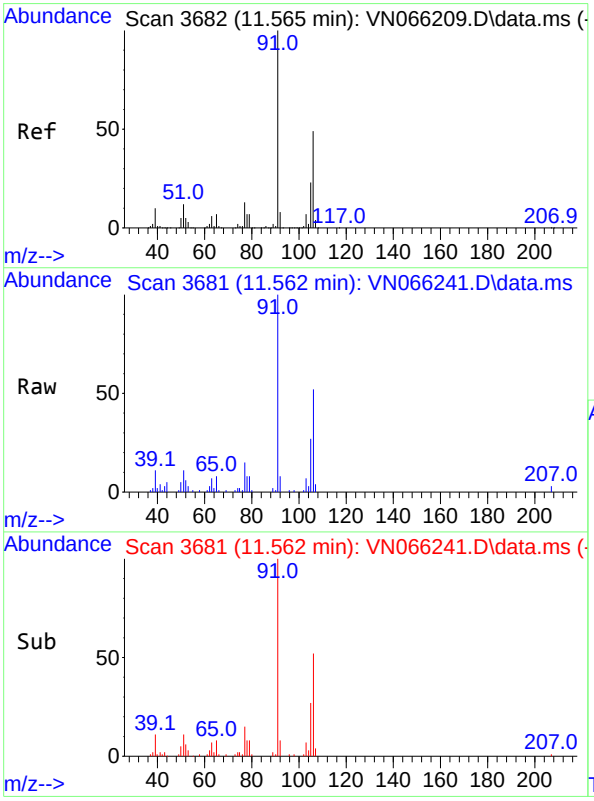


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.347 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:117 Resp: 428698

Ion	Ratio	Lower	Upper
117	100		
82	55.2	49.0	73.6
119	33.0	25.7	38.5

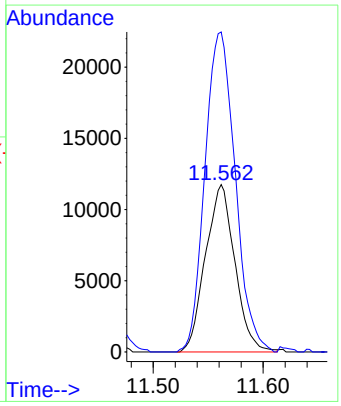




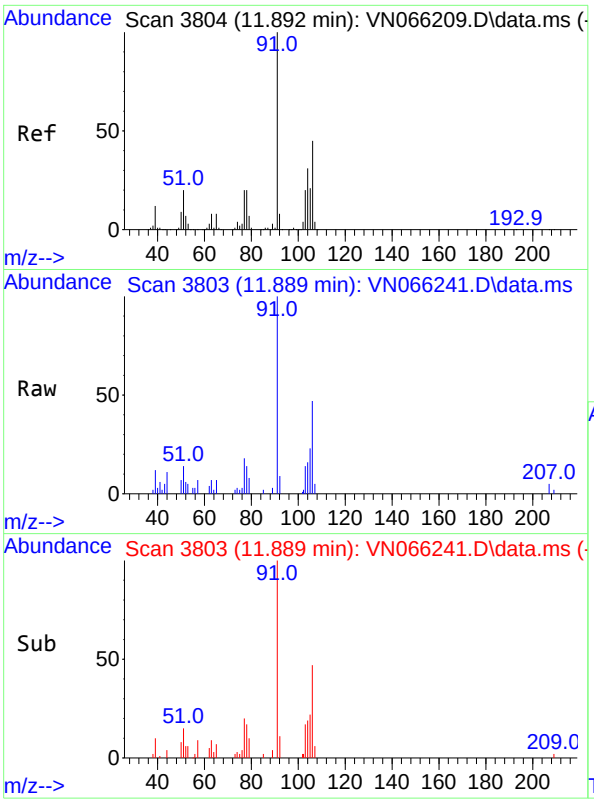
#68
m/p-Xylenes
Concen: 3.86 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:106 Resp: 21839

Ion	Ratio	Lower	Upper
106	100		
91	197.2	168.2	252.4



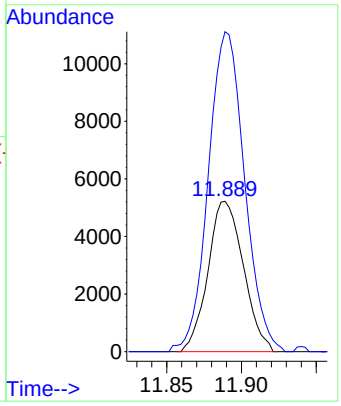
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

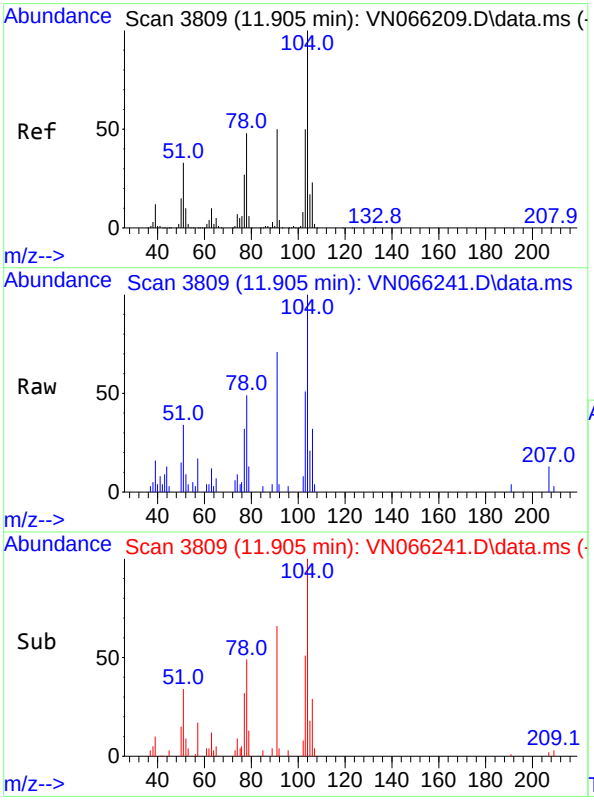


#69
o-Xylene
Concen: 1.59 ug/l
RT: 11.889 min Scan# 3803
Delta R.T. -0.003 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:106 Resp: 8631

Ion	Ratio	Lower	Upper
106	100		
91	217.1	111.8	335.3

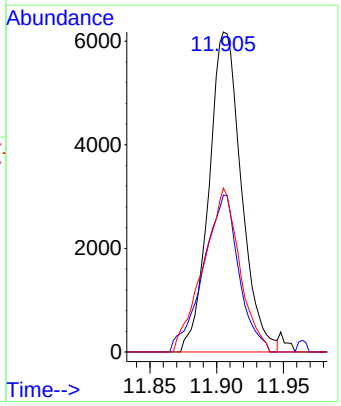




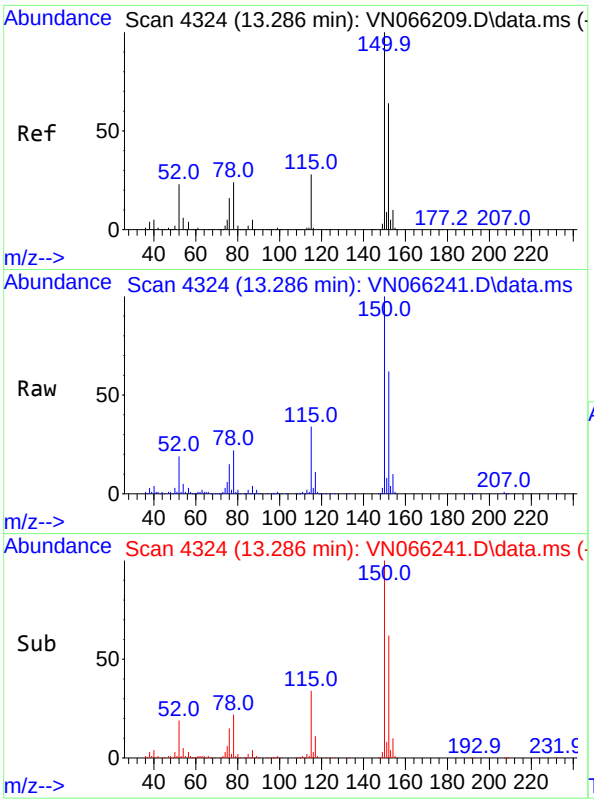
#70
Styrene
Concen: 3.14 ug/l
RT: 11.905 min Scan# 3809
Delta R.T. 0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:104 Resp: 10411

Ion	Ratio	Lower	Upper
104	100		
78	54.0	43.8	65.6
103	57.0	43.7	65.5



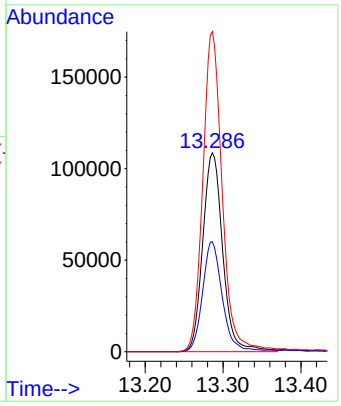
Instrument :
MSVOA_N
ClientSampleId :
AUD-1049-1051

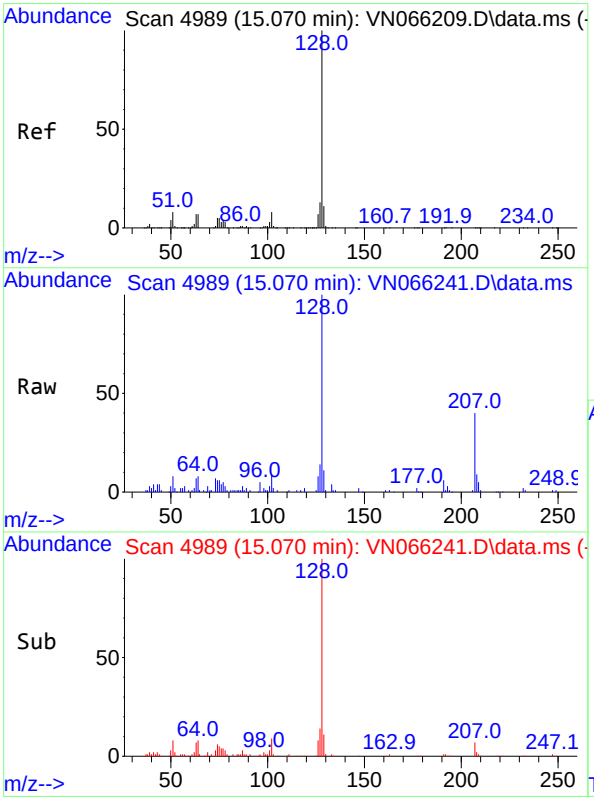


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:152 Resp: 194152

Ion	Ratio	Lower	Upper
152	100		
115	54.3	29.4	88.3
150	156.9	0.0	352.2





#95
Naphthalene
Concen: 6.59 ug/l
RT: 15.070 min Scan# 4989
Delta R.T. -0.000 min
Lab File: VN066241.D
Acq: 17 Mar 2021 17:54

Tgt Ion:128 Resp: 75041

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	12.3	8.4	12.6